



200 CON-
TINUOUS AMPS FROM
SINGLE PHASE POWER!
PAGE 32

Tesla™ Industries, Inc.

2026 Product Catalog



MADE IN USA

www.teslaind.com ♦ www.tesla1.com



Contact Information

For the quickest response to your inquiry, please call us at our Headquarters between 8:30 am and 5 pm EST.

Headquarters

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Company Information

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- DUNS #: 791792583
- CAGE CODE: OVWE2

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All Ground Power Units, Micro Power Units (Aviation Batteries) and including, but not limited to, Battery Chargers/Conditioners, manufactured by Tesla™ Industries, Inc., are able to safely and effectively charge any AGM, Lead Acid battery.

The Tesla™ GPU's and chargers are voltage and current regulated to 0.01% (dual loop). The charging voltage is calibrated, by Tesla™, to 28.6 volts and is pure dc (no power line ripple).

Maximum Charge Voltage by Battery Type

Type:	Charging Voltage / Cell	Charging Voltage / 12v	Charging Voltage / 24v
SLI/Flooded	2.366v to 2.416v	14.2v to 14.5v	28.4v to 29v
Lead Acid/Flooded	2.366v to 2.416v	14.2v to 14.5v	28.4v to 29v
Sealed Lead Acid	2.366v to 2.416v	14.2v to 14.5v	28.4v to 29v
VRLA	2.366v to 2.416v	14.2v to 14.5v	28.4v to 29v
AGM	2.433v to 2.466v	14.6v to 14.8v	29.2v to 29.6v
GEL	2.350v to 2.400v	14.1v to 14.4v	28.2v to 28.8v



National Stock Numbers

Military Products Cage Code OVWE2

TI45014D Battery
Charger/Conditioner
NSN: 6130-01-625-6382
pg. 57



MECHANIZED NSN

		Page Number
TIMV1000 GPU-24	NSN: 6130-01-475-5313	17
TIMV2000 GPU-24	NSN: 6130-01-475-5314	18
TIMV2500 GPU-24	NSN: 6130-01-475-5319	19
TIMV3000 GPU-24	NSN: 6130-01-475-5321	20
TIMV3500 GPU-24	NSN: 6130-01-475-5325	24
TIMV4100 GPU-24	NSN: 6130-01-475-5327	26
TIMV4200 GPU-24	NSN: 6130-01-475-5331	27
TIMV4400 GPU-24	NSN: 6130-01-475-5334	29
TIMV5100 GPU-24	NSN: 6130-01-475-5332	30
TIMV5200 GPU-24	NSN: 6130-01-475-5348	31
TIMV5400 GPU-24	NSN: 6130-01-475-5333	33

* All Units include a Cobra™ NATO Plug

AVIATION NSN

		Page Number
TI1000 GPU-24	NSN: 6130-01-418-5230	17
TI1000 GPU-24-UAV	NSN: 6130-01-455-5172	17
TI2000 GPU-24	NSN: 6130-01-445-9539	18
TI2500 GPU-24	NSN: 6130-01-452-2777	19
TI3000 GPU-24	NSN: 6130-01-440-2712	20
TI3000 GPU-24 UAV	NSN: 6130-01-455-5531	22
TI3500 GPU-24	NSN: 6130-01-452-2796	24
TI4100 GPU-24	NSN: 6130-01-445-9641	26
TI4200 GPU-24	NSN: 6130-01-452-2804	27
TI4400 GPU-24	NSN: 6130-01-475-5310	29
TI5100 GPU-24	NSN: 6130-01-440-2717	30
TI5200 GPU-24	NSN: 6130-01-475-5312	31
TI5400 GPU-24	NSN: 6130-01-452-2807	33
TI5400 400Hz GPU-24 GHMD	NSN: 6130-01-572-4832	34
TI5400 400Hz GPU-24 UAV ACDC	NSN: 6130-01-572-4833 (Navy)	35
	NSN: 6130-01-601-1263 (Air Force)	35
TI5400A 400Hz GPU-24 UAV ACDC (with cover & shipping case)	NSN: 6130-01-600-0509	36
TI4676 MPU	NSN: 6140-01-467-5710	47
TI58D MPU	NSN: 6130-01-546-7470	50

* All Ground Power Units include a Cobra™ DC Aviation Plug

* TI1000 GPU-24 and TI3000 GPU-24 have the option to include
either the Cobra™ DC Aviation Plug or the Cobra™ NATO Plug

For a complete list of NSN Numbers go to
<http://www.teslaint.com/national-stock-numbers.php>



Tesla™ Industries, Inc.

About Tesla	pages 2-5
Ground Power Units - 12 Volt Units	7-9
Ground Power Units - 12 / 24 Volt Units	10-14
Ground Power Units - 24 Volt Units	15-36
DC Power Supplies	37-40
Inverter Systems	41
Aviation Batteries (Micro Power Units)	42-54
Battery Chargers/Conditioners	55-57
Miscellaneous	58-59
Transformers	60
Cobra™ Connectors	61-65
Cable Assemblies	66-74
AC Line Cords	75-76
GPU Accessories	77-79
Charts	80-88
Service and Repairs	89-90



Tesla™ Industries, Inc.

Tesla™ Industries designs, manufactures, tests and supports state of the art power conversion systems at our headquarters in New Castle, Delaware, USA. We specialize in systems that provide power for 12 and 24 volt systems. The Turbo Start™ portable ground power systems, the Micro Power Unit (MPU) aviation battery systems, battery chargers/conditioners and our Cobra™ series of connectors and cables are our primary products.

Tesla™ units operate and support vehicles, aircraft and equipment that are extremely complex and expensive. Our customers have highly technical requirements and demand equipment that will work in remote and harsh environments. While other companies have chosen to outsource many of their processes, we believe in doing as much in-house as possible. By continuously expanding our manufacturing capabilities, we are able to ensure quality, guarantee our supply line, and control costs.

Headquarters: New Castle, Delaware

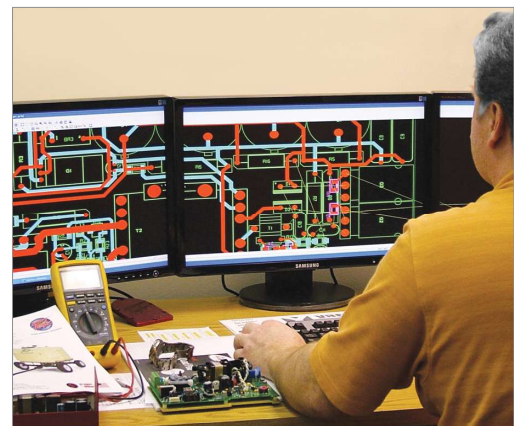


Tesla™ Industries is recognized for its award winning products and innovation and plays an important role in maintaining the highest level of support to the men and women in the armed forces.

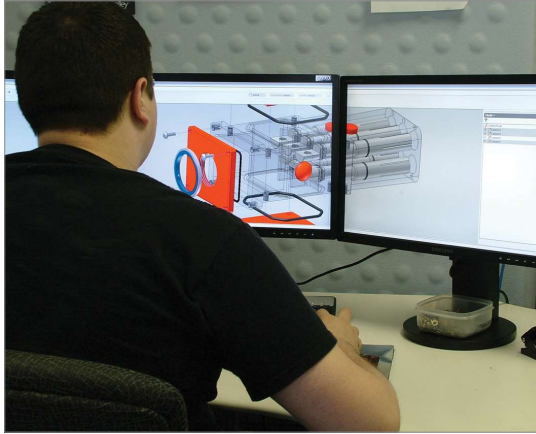


Engineering

Our process begins with an engineering consultation and needs assessment. Our engineers are directly involved in developing and testing each component throughout the manufacturing process. We utilize our research and military field experience to enhance our products, increasing their reliability and performance. We create superior products by reducing weight, increasing strength, performance and efficiency, while improving resistance to extreme environments.



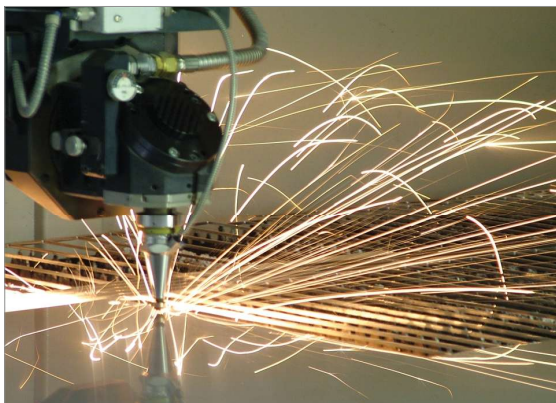
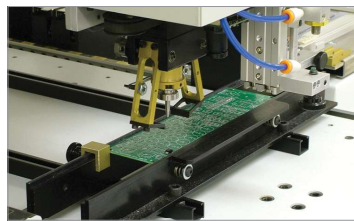
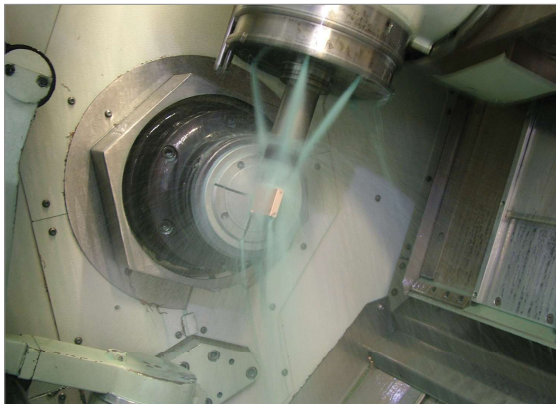
Design



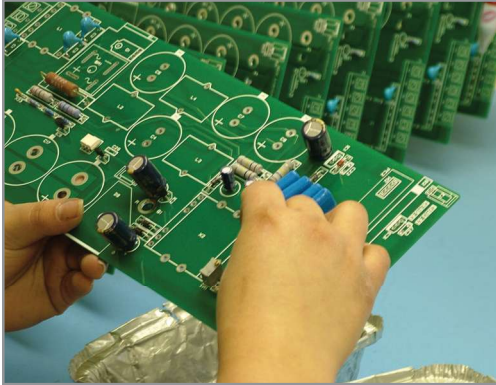
At Tesla,™ we never stop looking for the better way. We constantly make improvements to our tooling, machinery, processes, materials and computers. Our engineers have a vast imagination and a thirst for technology. They are unmatched in incorporating the latest technology into systems that are highly intelligent, very safe, reliable and simple to operate.

Manufacturing

Tesla™ also implements the latest technology into our manufacturing processes, enabling us to build systems with materials and techniques that were not possible in the past. Industry leading computer numerical control (CNC) lasers, mills and lathes interface with cutting edge computer aided design (CAD) software. Tesla™ incorporates a complete injection molding process for our rubber and plastic components. To ensure our precise tolerances and strict quality standards, we also manufacture electrical components in-house.



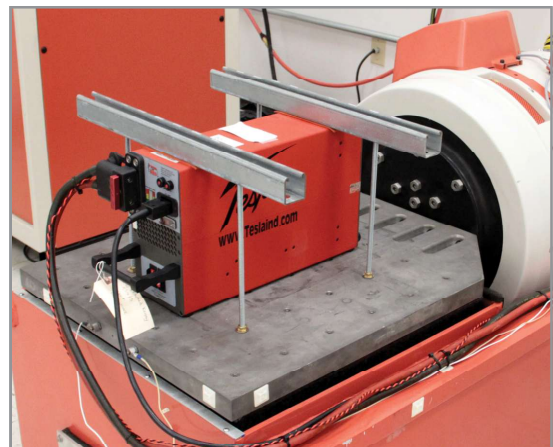
Assembly



Tesla™ systems are hand assembled and wired from the ground up. Our assembly technicians know these systems may be used in combat, on a medevac helicopter, EMS, Police, Fire and Rescue or at a remote oil platform. With this in mind, Tesla products are ready to perform in every situation, especially on missions where lives are at stake.

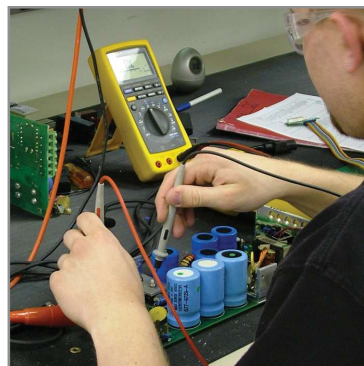
Environmental Testing

Vibration, shock, temperature, altitude, and electromagnetic interference testing is performed at our facility on components and complete systems. Tesla™ products meet and/or exceed our strict standards as well as the Department of Defense's MIL-STD-810 and the DO-160 qualification tests.



Quality Assurance

Our products are tested rigorously using industry leading equipment and techniques. We test each of our units extensively for proper calibration and performance.



Repairs and Service



When you call our Tesla™ customer service center during business hours (8:30AM to 5:00PM EST), you get a person on the phone, not a computer. Our Customer Service Team is always available to assist you in answering any questions or getting necessary repairs or service performed on your system. The Tesla™ web site (www.teslaind.com) features a support section and has links to owners manuals and frequently asked questions. In the event that a system must be returned to us for service, we guarantee all repairs for one year.

Support Team

Tesla's Support Team works closely with current and potential customers to find the best type of product for any power requirement. We will travel to any location to meet you, see your operation, and demonstrate our systems. Many times we find breakthrough solutions for our customers. Our support does not end after a sale.



Product Warranties

Tesla™ warrants its products against defects in materials and workmanship **including the system batteries**. All Tesla™ GPUs and Connectors are backed by a limited 2-year warranty that can be upgraded to 3 years. Tesla™ MPU Aviation Battery Systems have a 3-year limited warranty.

A full copy of the warranty can be found on www.teslaind.com.



**POWER ANYTIME
ANYWHERE**





12 Volt Ground Power Units

Tesla™ Ground Power Units (GPU) provide safe, clean filtered power to operate, maintain, or start a vehicle or aircraft anytime, anywhere. Our reliable 12 Vdc GPU's are built with the latest non-hazardous, dry-cell technology. They are maintenance-free, repairable, and backed by a 2-year warranty.

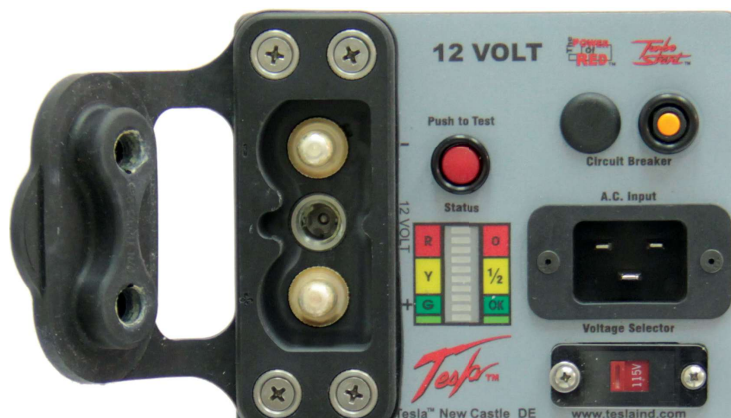
All units include a 15 ft. Cobra™ DC Cable with Alligator Clamps.

Our units also offer a variety of accessories like protective covers, shipping cases, and specialty line cords. You can even upgrade the GPU's 2 year warranty to 3 years with our optional Extended Warranty Program.

Contact us for more info or check out our website for specific details.

12 Volt Ground Power Unit Features:

- Designed for use with 12 Volt systems.
- No maintenance required.
- Powerful and safe regulated output.
- The dry-cells incorporated into this system are sealed. More power than a comparably sized NiCd with no hazmat issues. Safe for flight, non-hazardous, dry-cell technology.
- An intelligent charger is built into the system.
- Tesla™ GPUs have the ability to rapidly backcharge if left connected to vehicle/ aircraft in less than 60 seconds.
- "Push to Test" feature provides instant state of charge of unit's battery cells.
- 2 Year warranty.
- Service life is 5 to 7 years.
- One person can maneuver and operate the unit.



12V Ground Power Unit

TI1500 GPU-12



Specifications:

DC Output	• 1500 peak starting amps • 20 amps continuous @ 14.25 Vdc (when plugged into ac power) • 43 amp hours (797 watt hours) with ac power • 23 amp hours (512 watt hours) of rechargeable battery power without ac
AC Input	• Operates and charges from single phase 100-260 Vac 50/60 Hz • 5.5 amps @ 120 Vac • 2.75 amps @ 240 Vac
Recharging Rate	• 74 minutes (from full discharge) @ 25 °C
Dimensions	• 20.61" L x 5.2" W x 10.56" H • 523.49 mm x 132.08 mm x 268.25mm
Weight	• 33 lbs (14.96 kg)

TI1530 GPU-12



Specifications:

DC Output	• 3000 peak starting amps • 20 amps continuous @ 14.25 Vdc (when plugged into ac power) • 66 amp hours (1309 watt hours) with ac power • 46 amp hours (1024 watt hours) of rechargeable battery power without ac
AC Input	• Operates and charges from single phase 100-260 Vac 50/60 Hz • 5.5 amps @ 120 Vac • 2.75 amps @ 240 Vac
Recharging Rate	• 143 minutes (from full discharge) @ 25 °C
Dimensions	• 20.61" L x 5.2" W x 10.56" H • 523.49 mm x 132.08 mm x 268.25 mm
Weight	• 55.6 lbs (25.21 kg)

**12 VOLT
UNITS
ABOVE
INCLUDE**



TI2007-503
15" DC Cable with Alligator Clamps

and



TI25000-211 9'10" NEMA 515P
North American Line Cord

TI1590 GPU-12

40 continuous amps from a 12 Volt Ground Power Unit



Specifications:

DC Output	• 3500 peak starting amps • 40 amps continuous @ 14.25 Vdc (when plugged into ac power) • 132 amp hours (2618 watt hours) with ac power • 92 amp hours (2048 watt hours) of rechargeable battery power without ac
AC Input	• Operates and charges from single phase 100-260 Vac 50/60 Hz • 8.5 amps @ 120 Vac • 4.25 amps @ 240 Vac
Recharging Rate	• 150 minutes (from full discharge) @ 25 °C
Dimensions	• 36.38" L x 14.25" W x 15.64" H • 924.10 mm x 362.0 mm x 397.20 mm
Weight	• 124 lbs (56.24 kg)

**TI1590
UNIT
INCLUDES**



TI2007-077
25" DC Cable with Alligator Clamps

and



TI25000-211 9'10" NEMA 515P
North American Line Cord



12/24 Volt Ground Power Units

Tesla™ Ground Power Units (GPU) provide safe, clean filtered power to operate, maintain, or start a vehicle or aircraft anytime, anywhere. Our reliable 12 and 24 Vdc GPU's are built with the latest non-hazardous, dry-cell technology. They are maintenance-free, repairable, and backed by a 2-year warranty.

All units except the UAV Unit includes; NEMA Line Cord, 15 ft. Cobra™ DC Cable with Alligator Clamps (for the 12 volt side) and either a DC Aviation Cable or DC NATO Cable (for the 24 volt side). Our UAV unit includes the NEMA line cord and a 16ft. DC Aircraft Interface Cable.

Our units also offer a variety of accessories like protective covers, shipping cases, and specialty line cords. Contact us for more info or check out our website for specific details.

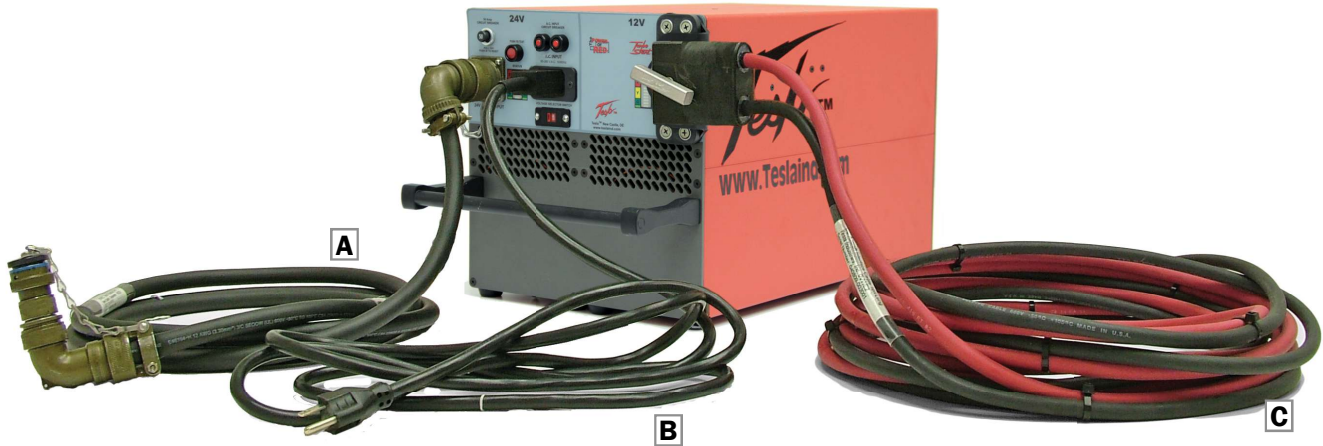
12/24 Volt Ground Power Unit Features:

- Designed for use with 12 and 24 Volt systems.
- Dual Capacity Meter (with dc) / Recharge State Indicators (with ac).
- No maintenance required.
- Powerful and safe regulated output.
- The dry-cells incorporated into this system are sealed. More power than a comparably sized NiCd with no hazmat issues. Safe for flight, non-hazardous, dry-cell technology.
- An intelligent charger is built into the system.
- Tesla™ GPUs have the ability to rapidly backcharge if left connected to vehicle/ aircraft in less than 60 seconds.
- “Push to Test” feature provides instant state of charge of unit’s battery cells.
- 2 Year warranty (3rd year optional).
- Service life is 5 to 7 years.
- One person can maneuver and operate the unit.
- Ideal for hangars, FOBs, motor pools, and deployments.
- Perfect for testing and troubleshooting (avionics, TMDE, electronics, and hydraulics).



TI1550 12-24-UAV GPU

Designed for use with UAVs.



Specifications:

24 Vdc Output	• 50 peak amps (circuit breaker limited) • 25 amps continuous @ 28.5 Vdc (when plugged into ac power) • 48 amp hours (1224 watt hours) with ac power • 23 amp hours (512 watt hours) of rechargeable battery power without ac
12 Vdc Output	• 1500 peak starting amps • 20 amps continuous @ 14.25 Vdc (when plugged into ac power) • 43 amp hours (797 watt hours) with ac power • 23 amp hours (512 watt hours) of rechargeable battery power without ac
AC Input	• Operates and charges from Single Phase 100-260 Vac 50/60 Hz • 14.7 amps @ 120 Vac • 7.35 amps @ 240 Vac
Recharging Rate	• 24 Vdc: 60 minutes (from full discharge) @ 25 °C • 12 Vdc: 74 minutes (from full discharge) @ 25 °C
Dimensions	• 20.61" L x 10.40" W x 10.56" H • 523.5 mm x 264.2 mm x 268.2 mm
Weight	• 89 lbs (40.4 kg)
Warranty	• 2 Years (3 Year Optional)

INCLUDES

...as shown above:

- B TI25000-211** 9'10" NEMA 515P North American Line Cord
- C TI2006-304** 16ft. DC Aircraft Interface Cable

SOLD SEPARATELY

- A TI2006-305**
10ft. Aircraft Interface
Cable

12V/24V Ground Power Unit

TI1560 12-24 GPU



Specifications:

24 Vdc Output	• 1500 peak starting amps • 25 amps continuous @ 28.5 Vdc (when plugged into ac power) • 48 amp hours (1224 watt hours) with ac power • 23 amp hours (512 watt hours) of rechargeable battery power without ac
12 Vdc Output	• 1500 peak starting amps • 20 amps continuous @ 14.25 Vdc (when plugged into ac power) • 43 amp hours (797 watt hours) with ac power • 23 amp hours (512 watt hours) of rechargeable battery power without ac
AC Input	• Operates and charges from Single Phase 100-260 Vac 50/60 Hz • 14.7 amps @ 120 Vac • 7.35 amps @ 240 Vac
Recharging Rate	• 24 Vdc: 60 minutes (from full discharge) @ 25 °C • 12 Vdc: 74 minutes (from full discharge) @ 25 °C
Dimensions	• 20.61" L x 10.40" W x 10.56" H • 523.5 mm x 264.2 mm x 268.2 mm
Weight	• 89 lbs (40.4 kg)

INCLUDES



TI2007-208
8ft. DC Aviation Cable
Assembly

or



TI2007-315
15ft. DC NATO Cable
Assembly

and



TI2007-503 (12V side)
15" DC Cable with Alligator Clamps

and



TI25000-211 9'10" NEMA
515P N. American Line Cord

TI2560-12-24 GPU



Specifications:

24 Vdc Output	• 3000 peak starting amps • 25 amps continuous @ 28.5 Vdc (when plugged into ac power) • 71 amp hours (1736 watt hours) with ac power • 46 amp hours (1024 watt hours) of rechargeable battery power without ac
12 Vdc Output	• 3000 peak starting amps • 20 amps continuous @ 14.25 Vdc (when plugged into ac power) • 66 amp hours (1309 watt hours) with ac power • 46 amp hours (1024 watt hours) of rechargeable battery power without ac
AC Input	• Operates and charges from Single Phase 100-260 Vac 50/60 Hz • 14.7 amps @ 120 Vac • 7.35 amps @ 240 Vac
Recharging Rate	• 24 Vdc: 115 minutes (from full discharge) @ 25 °C • 12 Vdc: 143 minutes (from full discharge) @ 25 °C
Dimensions	• 37.28" L x 19.25" W x 15.97" H • 946.91 mm x 488.95 mm x 405.64 mm
Weight	• 181.5 lbs (82.32 kg)

INCLUDES



TI2007-208
8ft. DC Aviation Cable
Assembly

or



TI2007-315
15ft. DC NATO Cable
Assembly

and



TI2007-503 (12V side)
15ft. DC Cable with Alligator Clamps

and



TI25000-211 9'10" NEMA
515P N. American Line Cord

12V/24V Ground Power Unit

TI3560-12-24 GPU



Specifications:

24 Vdc Output	• 3000 peak starting amps • 40 amps continuous @ 28.5 Vdc (when plugged into ac power) • 86 amp hours (2199 watt hours) with ac power • 46 amp hours (1024 watt hours) of rechargeable battery power without ac
12 Vdc Output	• 3000 peak starting amps • 20 amps continuous @ 14.25 Vdc (when plugged into ac power) • 66 amp hours (1309 watt hours) with ac power • 46 amp hours (1024 watt hours) of rechargeable battery power without ac
AC Input	• Operates and charges from Single Phase 100-260 Vac 50/60 Hz • 19.7 amps @ 120 Vac • 9.85 amps @ 240 Vac
Recharging Rate	• 24 Vdc: 74 minutes (from full discharge) @ 25 °C • 12 Vdc: 143 minutes (from full discharge) @ 25 °C
Dimensions	• 37.28" L x 19.25" W x 15.97" H • 946.91 mm x 488.95 mm x 405.64 mm
Weight	• 184.5 lbs (83.68 kg)

INCLUDES



TI2007-208
8ft. DC Aviation Cable
Assembly

or



TI2007-315
15ft. DC NATO Cable
Assembly

and



TI2007-503 (12V side)
15" DC Cable with Alligator Clamps

and



TI25000-211 9'10" NEMA
515P N. American Line Cord



24 Volt Ground Power Units

Tesla™ Ground Power Units (GPU) provide safe, clean filtered power to operate, maintain, or start a vehicle or aircraft anytime, anywhere. Our reliable 24 Vdc GPU's are built with the latest non-hazardous, dry-cell technology. They are maintenance-free, repairable, and backed by a 2-year warranty.

All units include an 8 ft. Cobra™ DC Aviation Cable Assembly or 15 ft. Cobra™ NATO Cable Assembly. Our units also offer a variety of accessories like protective covers, shipping cases, and specialty line cords. Contact us for more info or check out our website for specific details.

24 Volt Ground Power Unit Features:

- Designed for use with 24 Volt systems.
- No maintenance required.
- Powerful and safe regulated output.
- The dry-cells incorporated into this system are sealed. More power than a comparably sized NiCd with no hazmat issues. Safe for flight, non-hazardous, dry-cell technology.
- An intelligent charger is built into the system.
- Tesla™ GPUs have the ability to rapidly backcharge if left connected to vehicle/ aircraft in less than 60 seconds.
- “Push to Test” feature provides instant state of charge of unit’s battery cells.
- 2 Year warranty (3rd year optional).
- Service life is 5 to 7 years.
- One person can maneuver and operate the unit.
- Ideal for hangars, FOBs, motor pools, and deployments.
- Perfect for testing and troubleshooting (avionics, TMDE, electronics, and hydraulics).



24V Ground Power Unit

TI500 GPU-24



Specifications:

DC Output	• 750 peak starting amps • 25 amps continuous @ 28.5 Vdc (when plugged into ac power) • 36.5 amp hours (968 watt hours) with ac power • 11.5 amp hours (256 watt hours) of rechargeable battery power without ac
AC Input	• Operates and charges from Single Phase 100-260 Vac, 50/60 Hz • 10 amps @ 120 Vac • 5 amps @ 240 Vac
Recharging Rate	• 33 minutes (from full discharge) @ 25 °C
Dimensions	• 20.61" L x 5.2" W x 10.56" H • 523.49 mm x 132.08 mm x 268.25 mm
Weight	• 36 lbs (16.4 kg)

INCLUDES



TI2007-208
8ft. DC Aviation Cable
Assembly

or



TI2007-315
15ft. DC NATO Cable
Assembly

and



TI25000-211 9'6"
North American Line Cord

TI1000 GPU-24



All configurations INCLUDE
TI25000-211
9'10" NEMA 515P
North American Line Cord
(see below for NSN Configurations)

Specifications:

DC Output	• 1500 Peak Starting Amps • 25 amps continuous @ 28.5 Vdc (plugged into ac power) • 48 amp hours (1224 watts) with ac power • 23 amp hours (512 watts) of rechargeable power without ac power
AC Input	• Operates and charges from Single Phase 100-260 Vac, 50/60 Hz • 10 amps @ 120 Vac • 5 amps @ 240 Vac
Recharging Rate	• 60 minutes (from full discharge) @ 25 °C
Dimensions	• 20.61" L x 5.2" W x 10.56" H • 523.49 mm x 132.08 mm x 268.25 mm
Weight	• 57 lbs (28.85 kg)



TI1000 GPU-24 UAV

INCLUDES

TI1000 GPU-24
NSN: **6130-01-418-5230** (CL IX)



TI2007-208
8ft. DC Aviation Cable
Assembly

or



TI2007-315
15ft. DC NATO Cable
Assembly

or

TIMV1000 GPU-24
NSN: **6130-01-475-5313** (CL II)



TI2007-315
15ft. DC NATO Cable
Assembly

or

TI1000 GPU-24 UAV
NSN: **6130-01-455-5172** (CL IX)



TI024050122
13ft. Interface Box Cable

24V Ground Power Unit

TI2000 GPU-24



Specifications:

DC Output	• 3000 peak starting amps • 25 amps continuous @ 28.5 Vdc (when plugged into ac power) • 71 amp hours (1736 watt hours) with ac power • 46 amp hours (1024 watt hours) of rechargeable battery power without ac
AC Input	• Operates and charges from Single Phase 100-260 Vac, 50/60 Hz • 10 amps @ 120 Vac • 5 amps @ 240 Vac
Recharging Rate	• 115 minutes (from full discharge) @ 25 °C
Dimensions	• 36.38" L x 14.25" W x 15.64" H • 924.10 mm x 362.0 mm x 397.20 mm
Weight	• 124 lbs (56.24 kg)



INCLUDES	A	A	B
	TI2000 GPU-24 NSN: 6130-01-445-9539 (CL IX)	TIMV2000 GPU-24 NSN: 6130-01-475-5314 (CL IX)	TIMV2000 GPU-24 Commercial
	 TI2007-208 8ft. DC Aviation Cable Assembly	 TI2007-315 15ft. DC NATO Cable Assembly	TI2007-315 15ft. DC NATO Cable Assembly OR TI2007-208 8ft. DC Aviation Cable Assembly AND TI25000-211 9'10" NEMA 515P N. A. Line Cord 

TI2500 GPU-24



Currently being used with the
Bell AH-1 Super Cobra.
Designed for
24/48V simultaneous starts.

OPTIONAL ACCESSORY



TI2000-071
Y-Cable Assembly

Specifications:

DC Output	• 3000 peak starting amps or 6000 peak starting amps • 25 amps of continuous dc power from each connector (50 amps if used with optional Y-Cable Assembly TI2000-071) • 71 amp hours (1736 watt hours) with ac power from each connector • 46 amp hours (1024 watt hours) of rechargeable battery power without ac from each connector
AC Input	• Operates and charges from Single Phase 100-260 Vac, 50/60 Hz • 20 amps @ 120 Vac • 10 amps @ 240 Vac
Recharging Rate	• 115 minutes (from full discharge) @ 25 °C
Dimensions	• 37.28" L x 19.25" W x 15.97" H • 946.91 mm x 488.95 mm x 405.64 mm
Weight	• 235 lbs (106.6 kg)

INCLUDES

TI2500 GPU-24
NSN: 6130-01-452-2777 (CL IX)



TI2007-208
8ft. DC Aviation Cable
Assembly

or

TIMV2500 GPU-24
NSN: 6130-01-475-5319 (CL IX)



TI2007-315
15ft. DC NATO Cable
Assembly

and

All configurations include...



TI25000-211
9'10" NEMA 515P
North American Line Cord

24V Ground Power Unit

TI3000 GPU-24

Two versions: **A** Military (Hardwired) and **B** Commercial



Specifications:

DC Output	• 3000 peak starting amps • 50 amps continuous @ 28.5 Vdc (when plugged into ac power) • 96 amp hours (2449 watt hours) with ac power • 46 amp hours (1024 watt hours) of rechargeable battery power without ac
AC Input	• Operates and charges from Single Phase 100-260 Vac, 50/60 Hz • 20 amps @ 120 Vac • 10 amps @ 240 Vac
Recharging Rate	• 60 minutes (from full discharge) @ 25 °C
Dimensions	• 36.40" L x 14.25" W x 15.64" H • 924.40 mm x 362.0 mm x 397.20 mm
Weight	• 127 lbs (57.60 kg)



INCLUDES	A		A		B	
	TI3000 GPU-24 NSN: 6130-01-440-2712 (CL IX)		TIMV3000 GPU-24 NSN: 6130-01-475-5321 (CL II)		TI3000 GPU-24 Commercial	
		or		or		
	TI2007-208 8ft. DC Aviation Cable Assembly		TI2007-315 15ft. DC NATO Cable Assembly		TI25000-211 9'10" NEMA 515P North American Line	TI2007-208 8ft. DC Aviation Cable Assembly

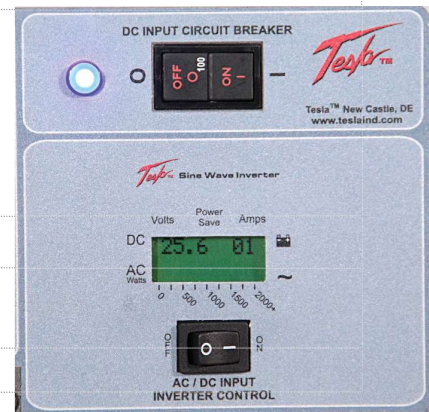
TI3000 GPU-24-INV-1800

1800 Watt AC uninterruptible pure sine wave inverter with 60 Hz 120V power outlet.



Specifications:

DC Output	• 3000 peak starting amps • 50 amps continuous @ 28.5 Vdc - 1425 Watts (when plugged into ac power) • 96 amp hours (2449 watt hours) with ac power • 46 amp hours (1024 watt hours) of rechargeable battery power without ac
AC Input	• Operates and charges from Single Phase 100-260 Vac, 50/60 Hz • 20 amps @ 120 Vac - 2400 Watts • 10 amps @ 240 Vac - 2400 Watts
AC Inverter	• 1800 watts • 20 Vac 60 Hz Pure Sine Wave <3% THD • 15 amps output • Surge 2900 watts • Dual GFI receptacle
Recharging Rate	• 60 minutes (from full discharge) @ 25 °C
Dimensions	• 35.97" L x 19.25" W x 15.76" H • 913.8 mm x 489.0 mm x 400.4 mm
Weight	• 154 lbs (69.85 kg)



AC INVERTER

INCLUDES



TI2007-208
8ft. DC Aviation Cable
Assembly

or



TI2007-315
15ft. DC NATO Cable
Assembly

and



TI25000-211
9'10" NEMA 515P
North American Line Cord

24V Ground Power Unit

TI3000 GPU-24 UAV

Designed for use with UAVs.



Specifications:

DC Output	• 50 amps (circuit breaker limited) continuous @ 30.25 Vdc (when plugged into ac power) • 96 amp hours (2449 watt hours) with ac power • 46 amp hours (1024 watt hours) of rechargeable battery power without ac
AC Input	• Operates and charges from Single Phase 100-260 Vac, 50/60 Hz • 20 amps @ 120 Vac • 10 amps @ 240 Vac
Recharging Rate	• 60 minutes (from full discharge) @ 25 °C
Dimensions	• 36.40" L x 14.25" W x 15.64" H • 924.40 mm x 362.0 mm x 397.20 mm
Weight	• 127 lbs (57.60 kg)



INCLUDES

TI3000 GPU-24 UAV
NSN: **6130-01-455-5531** (CL IX)



TI024050122
11ft. Interface Box Cable Assembly

and



TI25000-211 9'6" AC Line Cord Option: 110 Vac
NSN: 5935-01-576-4422 (CL IX) **or** 220 Vac

TI3000 GPU-24-PFC

70 Continuous Amps from a Single Phase Outlet / 90 Continuous Amps for 4.5 hours



Specifications:

DC Output	• 3000 peak starting amps • 70 continuous amps from a single phase outlet • 90 continuous amps for 4.5 hours with ac power • 46 amp hours (1024 watt hours) of rechargeable power without ac power • 96 amp hours (2449 watt) with ac power
AC Input	• Operates and charges from single phase 105-260 Vac / 40 Hz - 450 Hz • 19.8 amps @ 120 Vac • 9.9 amps @ 240 Vac
Recharging Rate	• 35 minutes (from full discharge) @ 25 °C
PFC	• 0.999% power factor • <4% THD (Total Harmonic Distortion)
Dimensions	• 37.28" L x 19.25" W x 15.97" H • 946.91 mm x 488.95 mm x 405.64 mm
Weight	• 158.5 lbs (71.89 kg)

INCLUDES



TI2007-208
8ft. DC Aviation Cable
Assembly

or



TI2007-315
15ft. DC NATO Cable
Assembly

and



TI25000-229 (5-20P)
25ft. Single Phase AC Line Cord

(Additional plug options available. Contact Tesla™ Industries for receptacle information.)

24V Ground Power Unit

TI3500 GPU-24



Specifications:

DC Output	• 3500 peak starting amps • 50 amps continuous @ 28.5 Vdc (when plugged into ac power) • 142 amp hours (3473 watt hours) with ac power • 92 amp hours (2048 watt hours) of rechargeable battery power without ac
AC Input	• Operates and charges from Single Phase 100-260 Vac, 50/60 Hz • 20 amps @ 120 Vac • 10 amps @ 240 Vac
Recharging Rate	• 115 minutes (from full discharge) @ 25 °C
Dimensions	• 37.28" L x 19.25" W x 15.97" H • 946.91 mm x 488.95 mm x 405.64 mm
Weight	• 234 lbs (106.14 kg)

INCLUDES

TI3500 GPU-24
NSN: 6130-01-452-2796 (CL IX)



TI2007-208
8ft. DC Aviation Cable
Assembly

or

TIMV3500 GPU-24
NSN: 6130-01-475-5325 (CL IX)



TI2007-315
15ft. DC NATO Cable
Assembly

and

All configurations include...



TI25000-211
9'10" NEMA 515P
North American Line Cord

TI3500 GPU-24-PFC

70 Continuous Amps from a Single Phase Outlet / 90 Continuous Amps for 9 hours



Specifications:

DC Output	• 3500 peak starting amps • 70 continuous amps from a single phase outlet • 90 continuous amps for 9 hours with ac power • 92 amp hours (2048 watt hours) of rechargeable power without ac power • 162 amp hours (3962 watt) with ac power
AC Input	• Operates and charges from single phase 105-260 Vac / 40 Hz - 450 Hz • 19.8 amps @ 120 Vac • 9.9 amps @ 240 Vac • 105 -500 Vac Optional
Recharging Rate	• 70 minutes (from full discharge) @ 25 °C
PFC	• 0.999% power factor • <4% THD (Total Harmonic Distortion)
Dimensions	• 37.28" L x 19.25" W x 15.97" H • 946.91 mm x 488.95 mm x 405.64 mm
Weight	• 246.5 lbs (111.81 kg)

AC Input Indicator Light

INCLUDES



TI2007-208
8ft. DC Aviation Cable Assembly

or



TI2007-315
15ft. DC NATO Cable Assembly

and



TI25000-229 (5-20P)
25ft. Single Phase AC Line Cord

(Additional plug options available. Contact Tesla™ Industries for receptacle information.)

24V Ground Power Unit

TI4100 GPU-24



Specifications:

DC Output	• 1500 peak starting amps • 100 amps continuous @ 28.5 Vdc (when plugged into ac power) • 123 amp hours (3362 watt hours) with ac power • 23 amp hours (512 watt hours) of rechargeable battery power without ac
AC Input	• Operates and charges from single phase 200-260 Vac 50/60 Hz • 20 amps @ 240 Vac • Requires 30 amp service (contact Tesla™ Industries for receptacle information)
Recharging Rate	• 19 minutes (from full discharge) @ 25 °C
Dimensions	• 36.25" L x 19.25" W x 15.97" H • 920.75 mm x 489.0 mm x 405.80 mm
Weight	• 112 lbs (50.80 kg)



INCLUDES

TI4100 GPU-24
NSN: **6130-01-445-9641** (CL IX)



TI2007-208
8ft. DC Aviation Cable
Assembly

or

TIMV4100 GPU-24
NSN: **6130-01-475-5327** (CL IX)



TI2007-315
15ft. DC NATO Cable
Assembly

and

All configurations include...



TI25000-013 (2621)
Hardwired Single Phase Plug
AC Line Cord Length: 25ft

TI4200 GPU-24



Specifications:

DC Output	• 1500 peak starting amps • 200 amps continuous @ 28.5 Vdc (when plugged into ac power) • 223 amp hours (6212 watt hours) with ac power • 23 amp hours (512 watt hours) of rechargeable battery power without ac
AC Input	• Operates and charges from three phase 200-260 Vac 50/60 Hz • 20 amps @ 208 Vac • Requires 30 amp service (contact Tesla™ Industries for receptacle information)
Recharging Rate	• 12 minutes (from full discharge) @ 25 °C
Dimensions	• 50.0" L x 19.25" W x 16.28" H • 1271.40 mm x 489.0 mm x 413.50 mm
Weight	• 148 lbs (67.13 kg)



INCLUDES

TI4200 GPU-24
NSN: 6130-01-452-2804 (CL IX)



TI2007-208
8ft. DC Aviation Cable
Assembly

or

TIMV4200 GPU-24
NSN: 6130-01-475-5331 (CL IX)



TI2007-315
15ft. DC NATO Cable
Assembly

and

All configurations include...



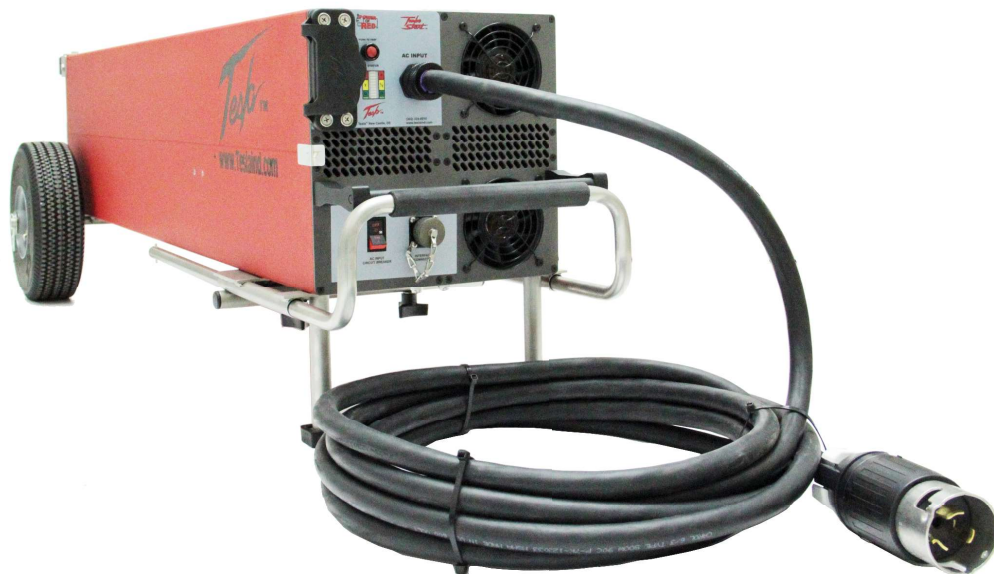
TI21000-097 (2721)
Hardwired Three Phase Plug
AC Line Cord Length: 25ft

27

24V Ground Power Unit

TI4200 GPU-24-PFC

200 Continuous Amps from a Single Phase Outlet.



Specifications:

DC Output	• 1500 peak starting amps • 200 amps continuous @ 28.5 Vdc (when plugged into ac power) • 223 amp hours (6212 watt hours) with ac power • 23 amp hours (512 watt hours) of rechargeable battery power without ac
AC Input	• Operates and charges from single phase 200-260 Vac / 40 Hz - 450 Hz • 33.5 amps @ 208 Vac • 50 amp Twist-Lock Plug (50 amp service required)
Recharging Rate	• 12 minutes (from full discharge) @ 25 °C
PFC	• 0.999% power factor • <2% THD (Total Harmonic Distortion)
Dimensions	• 49.0" L x 19.25" W x 16" H • 1244.60 mm x 488.95 mm x 406.40 mm
Weight	• 139 lbs (63.25 kg)

INCLUDES



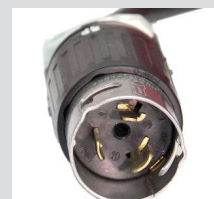
TI2007-208
8ft. DC Aviation Cable
Assembly

or



TI2007-315
15ft. DC NATO Cable
Assembly

and



TI25000-058 (CS8265)
Hardwired Single Phase Plug
AC Line Cord Length: 25ft

(Additional plug options available. Contact Tesla™ Industries for receptacle information.)

TI4400 GPU-24



Specifications:

DC Output	• 1500 peak starting amps • 400 amps continuous @ 28.5 Vdc (when plugged into ac power) • 423 amp hours (11912 watt hours) with ac power • 23 amp hours (512 watt hours) of rechargeable battery power without ac
AC Input	• Operates and charges from three phase 200-260 Vac 50/60 Hz • 42 amps @ 208 Vac • Requires 60 amp service (contact Tesla™ Industries for receptacle information)
Recharging Rate	• 8 minutes (from full discharge) @ 25 °C
Dimensions	• 50.23" L x 24.5" W x 16.28" H • 1275.80 mm x 622.30 mm x 413.50 mm
Weight	• 205 lbs (93 kg)



INCLUDES

TI4400 GPU-24
NSN: 6130-01-475-5310 (CL IX)



TI2007-208
8ft. DC Aviation Cable Assembly

or

TIMV4400 GPU-24
NSN: 6130-01-475-5334 (CL IX)



TI2007-315
15ft. DC NATO Cable Assembly

and

All configurations include...



TI7000-056 (460P9W)
Hardwired Three Phase Plug
AC Line Cord Length: 16ft

29

24V Ground Power Unit

TI5100 GPU-24



Specifications:

DC Output	• 3000 peak starting amps • 100 amps continuous @ 28.5 Vdc (when plugged into ac power) • 146 amp hours (3874 watt hours) with ac power • 46 amp hours (1024 watt hours) of rechargeable battery power without ac
AC Input	• Operates and charges from single phase 200-260 Vac 50/60 Hz • 20 amps @ 240 Vac • Requires 30 amp service (contact Tesla™ Industries for receptacle information)
Recharging Rate	• 33 minutes (from full discharge) @ 25 °C
Dimensions	• 36.25" L x 19.25" W x 15.97" H • 920.75 mm x 489.0 mm x 405.80 mm
Weight	• 160 lbs (72.57 kg)



INCLUDES

TI5100 GPU-24
NSN: **6130-01-440-2717** (CL IX)



TI2007-208
8ft. DC Aviation Cable
Assembly

or

TIMV5100 GPU-24
NSN: **6130-01-475-5332** (CL IX)



TI2007-315
15ft. DC NATO Cable
Assembly

and

All configurations include...



TI25000-013 (2621)
Hardwired Single Phase Plug
AC Line Cord Length: 25ft

TI5200 GPU-24



Specifications:

DC Output	• 3000 peak starting amps • 200 amps continuous @ 28.5 Vdc (when plugged into ac power) • 246 amp hours (6724 watt hours) with ac power • 46 amp hours (1024 watt hours) of rechargeable battery power without ac
AC Input	• Operates and charges from three phase 200-260 Vac 50/60 Hz • 20 amps @ 208 Vac • Requires 30 amp service (contact Tesla™ Industries for receptacle information)
Recharging Rate	• 19 minutes (from full discharge) @ 25 °C
Dimensions	• 49.0" L x 19.25" W x 16" H • 1244.6 mm x 488.95 mm x 406.4 mm
Weight	• 186 lbs (84.37 kg)



INCLUDES

TI5200 GPU-24
NSN: 6130-01-475-5312 (CL IX)



TI2007-208
8ft. DC Aviation Cable
Assembly

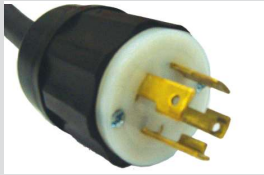
or

TIMV5200 GPU-24
NSN: 6130-01-475-5348 (CL IX)



TI2007-315
15ft. DC NATO Cable
Assembly

and



TI21000-097 (2721)
Hardwired Three Phase Plug
AC Line Cord Length: 25ft

All configurations include...

24V Ground Power Unit

TI5200 GPU-24-PFC

200 Continuous Amps from a Single Phase Outlet.



Specifications:

DC Output	• 3000 peak starting amps • 200 amps continuous @ 28.5 Vdc (when plugged into ac power) • 246 amp hours (6724 watt hours) with ac power • 46 amp hours (1024 watt hours) of rechargeable battery power without ac
AC Input	• Operates and charges from single phase 200-260 Vac / 40 Hz - 450 Hz • 33.5 amps @ 208 Vac • 50 amp Twist-Lock Plug (50 amp service required)
Recharging Rate	• 19 minutes (from full discharge) @ 25 °C
PFC	• 0.999% power factor • <2% THD (Total Harmonic Distortion)
Dimensions	• 49.0" L x 19.25" W x 16" H • 1244.60 mm x 488.95 mm x 406.40 mm
Weight	• 177 lbs (80.28 kg)

INCLUDES



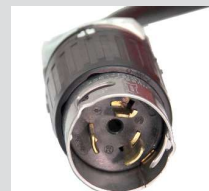
TI2007-208
8ft. DC Aviation Cable
Assembly

or



TI2007-315
15ft. DC NATO Cable
Assembly

and



TI25000-058 (CS8265)
Hardwired Single Phase Plug
AC Line Cord Length: 25ft

(Additional plug options available. Contact Tesla™ Industries for receptacle information.)

TI5400 GPU-24



Specifications:

DC Output	• 3000 peak starting amps • 400 amps continuous @ 28.5 Vdc (when plugged into ac power) • 446 amp hours (12424 watt hours) with three phase ac power • 46 amp hours (1024 watt hours) of rechargeable battery power without three phase ac
AC Input	• Operates and charges from three phase 200-260 Vac 50/60Hz • 42 amps @ 208 Vac • Requires 60 amp service (contact Tesla™ Industries for receptacle information)
Recharging Rate	• 12 minutes (from full discharge) @ 25 °C
Dimensions	• 50.23" L x 24.50" W x 16.28" H • 1275.80 mm x 622.30 mm x 413.50 mm
Weight	• 251 lbs (113.85 kg)



Ideal for maintenance facilities, COEs, FOBs, motor pools, deployments, running all systems of the M1 Abrams FOV and Bradley Fighting vehicles.

INCLUDES

TI5400 GPU-24
NSN: 6130-01-452-2807 (CL IX)



TI2007-208
8ft. DC Aviation Cable Assembly

or

TIMV5400 GPU-24
NSN: 6130-01-475-5333 (CL IX)



TI2007-315
15ft. DC NATO Cable Assembly

and

All configurations include...



TI7000-056 (460P9W)
Hardwired Three Phase Plug
AC Line Cord Length: 30ft

24V Ground Power Unit

TI5400 400Hz GPU-24 GHMD



Specifications:

DC Output	• 3000 peak starting amps • 400 amps continuous @ 28.5 Vdc (when plugged into ac power) • 446 amp hours (12424 watt hours) with three phase ac power • 46 amp hours (1024 watt hours) of rechargeable battery power without three phase ac
AC Input	• Operates and charges from either three phase 200-260 Vac 50/60 Hz or three phase Wye 115/200 Vac 400 Hz • 42 amps @ 208 Vac 50/60 Hz - 8736 Watts • 45 amps @ 200 Vac 400 Hz - 9000 Watts • Requires 60 amp service (contact Tesla™ Industries for receptacle information)
Recharging Rate	• 12 minutes (from full discharge) @ 25 °C
Dimensions	• 50.23" L x 24.50" W x 21.25" H • 1275.80 mm x 622.30 mm x 539.75 mm
Weight	• 267 lbs (121.11 kg)



INCLUDES

TI5400 400Hz GPU-24 GHMD
NSN: 6130-01-572-4832 (CL IX)



TI2007-225
25 Ft. DC Aviation
Cable Assembly

and



TI2000-070
Three Phase Ext.
Cable with 460 P9W

and



TI7000-056 (460P9W)
Hardwired Three Phase Plug
AC Line Cord Length: 7ft

TI5400 400Hz GPU-24 UAV ACDC



Features:

- Currently used with the Global Hawk UAV.
- 2 kW ac inverter with 60 Hz 120 Vac power outlet.
- 10.4 kVA 30 amp 200 Y 115 Vac 400 Hz ac filter functions to purify “dirty” 400 Hz power to produce “clean” power to test avionics and weapons systems. The system instantly detects and suppresses any surges or spikes to safe guard delicate electronics.

Specifications:

DC Output	• 3000 peak starting amps • 400 amps continuous @ 30.25 Vdc - 12100 Watts (when plugged into ac power) • 446 amp hours (12424 watt hours) with three phase ac power • 46 amp hours (1024 watt hours) of rechargeable battery power without three phase ac
AC Input	• Operates and charges from either three phase 200-260 Vac 50/60 Hz or three phase 200 Y 115 Vac 400 Hz • 42 amps @ 208 Vac 50/60 Hz - 8736 Watts • 75 amps @ 200 Vac 400 Hz - 1500 Watts • Requires 60 amp service for 50/60 Hz (contact Tesla™ Industries for receptacle information) • Requires 100 amp service for 400 Hz (contact Tesla™ Industries for receptacle information)
Recharging Rate	• 12 minutes (from full discharge) @ 25 °C
Dimensions	• 50.23" L x 24.50" W x 22.28" H • 1275.80 mm x 622.30 mm x 565.80 mm
Weight	• 292 lbs (132.44 kg)



INCLUDES

TI5400 400Hz GPU-24 UAV ACDC (Navy)
NSN: **6130-01-572-4833** (CL IX)

TI5400 400Hz GPU-24 UAV ACDC (Air Force)
NSN: **6130-01-601-1263** (CL IX)

Includes (as shown above):

- A** TI2000-070 25ft. 3 Phase Ext. Cable w/460 P9W
- B** TI2006-309 25ft. 400Hz Interface Cable
- C** TI2007-425 25ft. (2/O) DC Aviation Cable Assembly (Navy) **OR**
TI2007-415 15ft. (2/O) DC Aviation Cable Assembly (Air Force)



TI7000-056 (460P9W)
Hardwired Three Phase Plug
AC Line Cord Length: 7ft

24V Ground Power Unit

TI5400A 400Hz GPU-24 UAV ACDC



Features:

- 10.4 kVA 30 amp 3-phase 200 Y 115 Vac 400 Hz ac filtering produces “clean” power to test avionics and weapons systems (when operating from 400 Hz input power).
- 2 kW 16.66 Amp / 24 amp surge pure sine wave ac Inverter with 60 Hz 120 Vac GFI power outlet. 50 Hz. 240 Vac available on request.
- TI2007-024 17' 350MCM Cable has voltage drop of less than 500 mV @ 400 amps maintains > 28 V at the end of the DC NATO output cable at full power.
- 20 us transient response time from 0 amps to full power (400 amps) with less than 2.5 volts of undershoot.
- 20 us transient response time from full power (400 amps) to 0 amps with less than 2.5 volts of overshoot.
- Meets or exceeds Global Hawk aircraft system requirements.
- Exceeds MIL-STD-810/MIL-STD-461/ MIL-STD-704.

Specifications:

DC Output	• 3000 peak starting amps • 400 amps continuous @ 28.5 Vdc (when plugged into ac power) • 446 amp hours (12424 watt hours) with three phase ac power • 46 amp hours (1024 watt hours) of rechargeable battery power without three phase ac
AC Input	• Operates and charges from either three phase 200-260 Vac 50/60 Hz or three phase 200 Y 115 Vac 400 Hz • 42 amps @ 208 Vac 50/60 Hz • 75 amps @ 200 Vac 400 Hz • Requires 60 amp service for 50/60 Hz (contact Tesla™ Industries for receptacle information) • Requires 100 amp service for 400 Hz (contact Tesla™ Industries for receptacle information)
Recharging Rate	• 12 minutes (from full discharge) @ 25 °C
Dimensions	• 50.23" L x 24.50" W x 22.28" H • 1275.80 mm x 622.30 mm x 565.80 mm
Weight	• 292 lbs (132.44 kg)

INCLUDES

Includes (as shown above):

- A** TI2007-024 17ft. 350MCM DC Aviation Cable Assembly
- B** TI2006-309 25ft. 400Hz Interface Cable
- C** TI2000-070 25ft. 3 Phase Ext. Cable w/460 P9W



TI7000-056 (460P9W)
Hardwired Three Phase Plug
AC Line Cord Length: 7ft

GPU ASSEMBLY PACKAGE

NSN: 6130-01-600-0509

TI2000-541 GPU Assembly Includes:
TI5400A 400Hz GPU-24 UAV ACDC
AND



TI7000-129 Shipping Case
AND



TI7000-083
Protective
Cover



DC Power Supply

Tesla™ DC Power Supply provide safe, clean filtered power to operate or maintain a vehicle or aircraft. They are maintenance-free, repairable, and backed by a 2-year warranty.

Our PFC (Power Factor Correction) models (TI100-PFC & TI200-PFC) are able to produce a continuous power unheard of from a single phase outlet. They have a 0.999 power factor.

All our units also offer a variety of accessories like protective covers, shipping cases, and specialty line cords. Contact us for more info or check out our website for specific details.

DC Power Supply Features:

- No maintenance required.
- Powerful and safe regulated output.
- Ideal for hangars, FOBs, motor pools, and deployments.
- Excellent for testing and troubleshooting (avionics, TMDE, electronics, and hydraulics).
- Will charge and condition vehicle batteries when unit is left connected to vehicle (ac required).
- Safe for flight and travel.
- Built-in Power Output indicator.
- Thermal / Overload protection.
- 2 Year warranty (3rd year optional).
- Service life is 5 to 7 years.
- One person can maneuver and operate the unit.

**NOTE: DC Power Supply Units are not rated for engine starting.
They are to be used for ground maintenance only.**



TI50A DC Power Supply



NOTE: Unit is not rated for engine starting.
It is to be used for ground maintenance only.

Specifications:

DC Output	• 50 amps continuous @ 28.5 Vdc (when plugged into ac power)
AC Input	• Operates from Single Phase 100-260 Vac, 50/60 Hz • 20 amps @ 120 Vac • 10 amps @ 240 Vac
Dimensions	• 20.61" L x 5.2" W x 10.56" H • 523.49 mm x 132.08 mm x 268.25 mm
Weight	• 15.85 lbs (7.18 kg)



INCLUDES

TI50A DC Power Supply / NSN: **6130-01-618-0204**



TI2007-208
8ft. DC Aviation Cable
Assembly

or



TI2007-315
15ft. DC NATO Cable
Assembly

and



TI25000-032
8'2" NEMA 520P
N. American Line Cord

TI100-PFC

100 Continuous Amps from a Single Phase Outlet.



NOTE: Unit is not rated for engine starting.
It is to be used for ground maintenance only.

Specifications:

DC Output	• 100 amps continuous @ 28.5 Vdc (when plugged into ac power)
AC Input	• Operates from Single Phase 200-260 Vac / 40 Hz - 450 Hz • 16.5 amps @ 208 Vac - 3432 Watts • Contact Tesla™ Industries for plug configuration
PFC	• 0.999% power factor • <2% THD (Total Harmonic Distortion)
Dimensions	• 27.61" L x 5.2" W x 10.56" H • 701.3 mm x 132.08 mm x 268.25 mm
Weight	• 29.5 lbs (13.4 kg)



INCLUDES



TI2007-208
8ft. DC Aviation Cable Assembly

or



TI2007-315
15ft. DC NATO Cable Assembly

or



TI2007-515
15" DC Cable with Alligator Clamps
* For maintenance & troubleshooting only.

and



TI25000-013 (2621)
Hardwired Single Phase Plug
AC Line Cord Length: 25ft

(Additional DC Cables options available. Contact Tesla™ Industries for more information.)

DC Power Supply

TI200-PFC

200 Continuous Amps from a Single Phase Outlet.



NOTE: Unit is not rated for engine starting.
It is to be used for ground maintenance only.

Specifications:

DC Output	• 200 amps continuous @ 28.5 Vdc (when plugged into ac power)
AC Input	• Operates from Single Phase 200-260 Vac, 40 Hz - 450 Hz • 33.5 amps @ 208 Vac - 6968 Watts • 50 amp Twist-Lock Plug (50 amp service required)
PFC	• 0.999% power factor • <2% THD (Total Harmonic Distortion)
Dimensions	• 27.61" L x 10.4" W x 10.56" H • 701.3 mm x 264.2 mm x 268.25 mm
Weight	• 58 lbs (26.4 kg)

INCLUDES



TI2007-208
8ft. DC Aviation Cable
Assembly

or



TI2007-315
15ft. DC NATO Cable
Assembly

or



TI2007-515
15" DC Cable with Alligator Clamps
* For maintenance & troubleshooting only.

and



TI25000-058 (CS8265)
Hardwired Single Phase Plug
AC Line Cord Length: 25ft

(Additional DC Cables options available. Contact Tesla™ Industries for more information.)

TI2000-308 3kW Inverter System

A Tesla™ Power Inverter System is an advanced piece of equipment and an ideal method of converting 20-30 dc voltage to pure usable 120/240 ac voltage. The TI2000-308 is a Pure Sine Wave Inverter System. This system can be used in a tactical or non-tactical environment giving the user the needed flexibility to operate ac components (with approved connectors) like laptop computers, test measurement and diagnostic equipment, additional lighting, or any other item that requires ac voltage. This unit is man-portable, maintenance free, and can be operated from any 20-30 dc voltage power sources. Designed for military applications it is easily transported and is invaluable for times when ac power is required in a field environment.



Specifications:

AC Output	• Provides Single Phase 120/240 Vac (+/- 5%), 60 Hz • 12.5 amps @ 240 Vac • 25 amps @ 120 Vac
DC Input Power	• 250 amps max • 20-30 Vdc
3 kW AC Inverter	• 120 Vac 60Hz Pure Sine Wave (+/- .05%) • 25 amps surge • 12.5 amps continuous power • <2% ThD. • Minimum Unit Efficiency: 85%
Dimensions	• 36.33" long x 11.57" wide x 18.40" high • 922.7 mm x 293.9 mm x 467.4 mm
Weight	• 106.5 lbs (48.3 kg) • 169.5 lbs (76.8 kg) with optional Transportation Case
Warranty	• 2 Years (3 Year Optional)

Features:

- 3 kW 120 Vac 60Hz Pure Sine Wave ac Inverter.
- Hardwired 15' DC NATO Cable Assembly.
- Hardwired 25' AC Output Cord (Plug 2713).
- Output Power Status LED Indicator provides a way for the user to visually see the applied ac load that the TI2000-308 3 kW Inverter System is providing.
- DC Input Voltage LED Indicator provides a way for the user to visually see the voltage that the TI2000-308 3kW Inverter System is receiving.
- Alarm LED Indicators alert the user of over-voltages (dc), under-voltages (dc), over-temperatures, and overloads (ac).

INCLUDES



Hardwired Plug
TI250000-044 (2713) AC Line Cord Length: 25ft

OPTIONAL ACCESSORIES



TI7000-223 Transportation Case
Size: 48.52" long x 23.99" wide x 15.71" high
1232.3 mm x 609.4 mm x 399.0 mm
Weight: 63 lbs (28.57 kg)



Aviation Batteries

Micro Power Units (MPU)

Tesla's Aviation Batteries / Micro Power Units (MPU) are quietly revolutionizing the aviation industry. The MPU is a complete battery system, not just a battery. The battery function is incorporated with an intelligent charging system and ac-dc converter. Tesla's MPU's provide unmatched power and flexibility while eliminating the hassles normally associated with aviation batteries and battery maintenance.

Tesla™ stands behind each and every MPU with a limited three-year warranty, including the batteries.

Aviation Battery Unit Features:

- No maintenance required. Powerful and safe regulated output.
- The dry-cells incorporated into this system are sealed. More power than a comparably sized NiCd with no hazmat issues.
- Regulated dc output produces faster, cooler starts putting less stress on your starter and other engine components.
- Tesla™ MPUs have the ability to rapidly backcharge if left connected to vehicle/ aircraft in less than 60 seconds.
- Operates from 100-260 Vac 45-450 Hz, or 200 Y 115 Vac 400 Hz (TIAH64D only).
- Eliminates costly and hazardous reflex recharging. Thermal runaway is prevented with temperature sensors that are incorporated into the MPU's charging system.
- Fully supported with an unprecedented 3-year, limited warranty.
- Equipped with internal independent 28.5 Vdc, ac to dc converter.
- An intelligent charger is built into the system. For a recharge, plug into an ac power outlet. It also back-charges off of the dc aircraft bus.



TI59 Aircraft Dry-Cell Battery



Specifications:

DC Output	• 750 peak starting amps • 11.5 amp hours (256 watt hours) of rechargeable battery power
Recharging Rate	• Dependant on charging system
Dimensions	• 9.46" L x 8.06" W x 6.04" H • 240.2 mm x 204.8 mm x 153.4 mm
Weight	• 22 lbs (9.98 kg)



Originally designed for the Fire Scout UAV Helicopter.

TI60 MPU-24



Specifications:

DC Output	• 750 peak starting amps • 10 amps continuous @ 28.5 Vdc (when plugged into ac power) • 21.5 amp hours (541 watt hours) with ac power • 11.5 amp hours (256 watt hours) of rechargeable battery power without ac
AC Input	• Operates and charges from Single Phase 100-260 Vac 45-450 Hz • 5.5 amps @ single phase 120 Vac • 2.75 amps @ single phase 240 Vac
Recharging Rate	• 74 minutes (from full discharge) @ 25 °C
Dimensions	• 9.25" L x 7.13" W x 7.5" H • 234.95 mm x 181.1 mm x 190.5 mm
Weight	• 27.75 lbs (12.59 kg)



Designed as a replacement battery for the M134 Dillon Minigun.

INCLUDES



TI25000-111 9'6" North American Universal Line Cord

OPTIONAL ACCESSORIES



TI2006-903 Y-Cable
Provides power to dual M134 Dillon Miniguns simultaneously.

TIUH60 MPU-24



Specifications:

DC Output	• 750 peak starting amps • 10 amps continuous @ 28.5 Vdc (when plugged into ac power) • 21.5 amp hours (541 watt hours) with ac power • 11.5 amp hours (256 watt hours) of rechargeable battery power without ac
AC Input	• Operates and charges from Single Phase 100-260 Vac 45-450 Hz • 5.5 amps @ single phase 120 Vac • 2.75 amps @ single phase 240 Vac
Recharging Rate	• 74 minutes (from full discharge) @ 25 °C
Dimensions	• 8.45" L x 9.88" W x 7.57" H • 214.7 mm x 250.8 mm x 192.2 mm
Weight	• 27 lbs (12.25 kg)

INCLUDES



T125000-111 9'6" North American
Universal Line Cord



Specifically designed to fit the UH-60 Black Hawk
Helicopter.

TI206 MPU-24



Specifications:

DC Output	• 1500 peak starting amps • 10 amps continuous @ 28.5 Vdc (when plugged into ac power) • 33 amp hours (797 watt hours) with ac power • 23 amp hours (512 watt hours) of rechargeable battery power without ac
AC Input	• Operates and charges from Single Phase 100-260 Vac 45-450 Hz • 5.5 amps @ single phase 120 Vac • 2.75 amps @ single phase 240 Vac
Recharging Rate	• 143 minutes (from full discharge) @ 25 °C
Dimensions	• 13.3" L x 6.8" W x 9.9" H • 334.3 mm x 194.2 mm x 237.3 mm
Weight	• 50.4 lbs (22.9 kg)

INCLUDES



TI25000-111 9'6" North American
Universal Line Cord



Designed to fit the Bell 206 Helicopter.

TI4676 MPU-24



Specifications:

DC Output	• 1500 peak starting amps • 10 amps continuous @ 28.5 Vdc (when plugged into ac power) • 33 amp hours (797 watt hours) with ac power • 23 amp hours (512 watt hours) of rechargeable battery power without ac
AC Input	• Operates and charges from Single Phase 100-260 Vac 45-450 Hz • 5.5 amps @ single phase 120 Vac • 2.75 amps @ single phase 240 Vac
Recharging Rate	• 143 minutes (from full discharge) @ 25 °C
Dimensions	• 10.85" L x 9.68" W x 9.43" H • 275.6 mm x 245.87 mm x 239.52 mm
Weight	• 53 lbs (24 kg)

INCLUDES

TI4676 MPU-24
NSN: **6140-01-467-5710** (CL IX)



TI25000-111 9'6" North American Universal Line Cord



Currently being flown in the UH-1, S-61, Falcon 200, AH-1, and the Dauphin.

TI47UH1 MPU-24



Specifications:

DC Output	• 1500 peak starting amps • 10 amps continuous @ 28.5 Vdc (when plugged into ac power) • 33 amp hours (797 watt hours) with ac power • 23 amp hours (512 watt hours) of rechargeable battery power without ac
AC Input	• Operates and charges from Single Phase 100-260 Vac 45-450 Hz • 5.5 amps @ single phase 120 Vac • 2.75 amps @ single phase 240 Vac
Recharging Rate	• 143 minutes (from full discharge) @ 25 °C
Dimensions	• 10.78" L x 11.76" W x 9.85" H • 273.9 mm x 299 mm x 250.2 mm
Weight	• 53 lbs (24 kg)



Currently utilized by the New Jersey Department of Forestry and Fire Protection in their UH-1 Huey Helicopters.

INCLUDES



TI25000-111 9'6" North American Universal Line Cord



TI47407 MPU-24



Specifications:

DC Output	• 1500 peak starting amps • 10 amps continuous @ 28.5 Vdc (when plugged into ac power) • 33 amp hours (797 watt hours) with ac power • 23 amp hours (512 watt hours) of rechargeable battery power without ac
AC Input	• Operates and charges from Single Phase 100-260 Vac 45-450 Hz • 5.5 amps @ single phase 120 Vac • 2.75 amps @ single phase 240 Vac
Recharging Rate	• 143 minutes (from full discharge) @ 25 °C
Dimensions	• 12.7" L x 9.3" W x 8.0" H • 322.58 mm x 236.22 mm x 203.2 mm
Weight	• 52.2 lbs (23.68 kg)



Designed to fit the Bell 407 Helicopter.

INCLUDES



TI25000-111 9'6" North American Universal Line Cord

TI58D MPU-24



Specifications:

DC Output	• 1500 peak starting amps • 10 amps continuous @ 28.5 Vdc (when plugged into ac power) • 33 amp hours (797 watt hours) with ac power • 23 amp hours (512 watt hours) of rechargeable battery power without ac
AC Input	• Operates and charges from Single Phase 100-260 Vac 45-450 Hz • 5.5 amps @ single phase 120 Vac • 2.75 amps @ single phase 240 Vac
Recharging Rate	• 143 minutes (from full discharge) @ 25 °C
Dimensions	• 14.1" L x 6.7" W x 9.1" H • 358.1 mm x 170.2 mm x 231.1 mm
Weight	• 52 lbs (23.58 kg)



Specifically designed to fit the OH-58D Kiowa Warrior Helicopter, additionally being used as a power supply for the M134 Dillon Minigun.

INCLUDES

TI58D MPU-24
NSN: **6130-01-546-7470** (CL IX)



TI25000-111 9'6" North American Universal Line Cord

ALTERNATE CONFIGURATION

TI58D-R17 MPU-24
Same features as the TI58D MPU-24, but is equipped with a **TI2000-271** Dummy Plug Receptacle. (pictured right)

AND

TI25000-111 North American Universal Line Cord (pictured left)

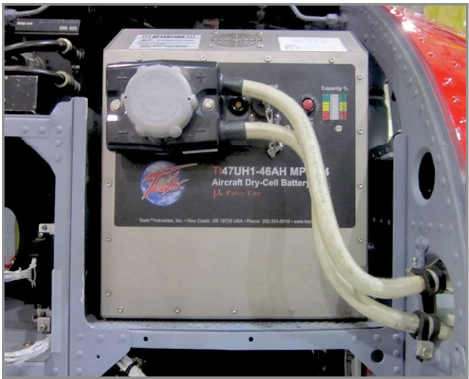


TI47UH1-46AH MPU-24



Specifications:

DC Output	• 3000 peak starting amps • 10 amps continuous @ 28.5 Vdc (when plugged into ac power) • 56 amp hours (1309 watt hours) with ac power • 46 amp hours (1024 watt hours) of rechargeable battery power without ac
AC Input	• Operates and charges from Single Phase 100-260 Vac 45-450 Hz • 6.4 amps @ single phase 120 Vac • 3.2 amps @ single phase 240 Vac
Recharging Rate	• 281 minutes (from full discharge) @ 25 °C
Dimensions	• 10.58" long x 10.52" wide x 12.32" high • 268.7 mm x 267.2 mm x 313.0 mm
Weight	• 99.5 lbs (45.13 kg)



Designed to fit the Cal Fire UH1 Huey Helicopter.

INCLUDES



TI25000-111 9'6" North American Universal Line Cord

TI5676 MPU-24



Specifications:

DC Output	• 3000 peak starting amps • 10 amps continuous @ 28.5 Vdc (when plugged into ac power) • 56 amp hours (1309 watt hours) with ac power • 46 amp hours (1024 watt hours) of rechargeable battery power without ac
AC Input	• Operates and charges from Single Phase 100-260 Vac 45-450 Hz • 5.5 amps @ single phase 120 Vac • 2.75 amps @ single phase 240 Vac
Recharging Rate	• 281 minutes (from full discharge) @ 25 °C
Dimensions	• 10.67" L x 10.76" W x 14.14" H 271.24 mm x 273.4 mm x 359.2 mm
Weight	• 97.5 lbs (44.2 kg)



Designed to fit S-2T Airtanker



INCLUDES



TI25000-111 9'6" North American Universal Line Cord

TI5679 MPU-24



Specifications:

DC Output	• 3000 peak starting amps • 10 amps continuous @ 28.5 Vdc (when plugged into ac power) • 56 amp hours (1309 watt hours) with ac power • 46 amp hours (1024 watt hours) of rechargeable battery power without ac
AC Input	• Operates and charges from Single Phase 100-260 Vac 45-450 Hz • 5.5 amps @ single phase 120 Vac • 2.75 amps @ single phase 240 Vac
Recharging Rate	• 281 minutes (from full discharge) @ 25 °C
Dimensions	• 15.57" L x 10.345" W x 9.5" H • 395.5 mm x 262.6 mm x 241.3 mm
Weight	• 97 lbs (44 kg)



Designed to fit the Bell 214ST Helicopter.

INCLUDES



TI25000-111 9'6" North American Universal Line Cord

TIAH64D MPU-24



Specifications:

DC Output	• 10 amps continuous @ 28.5 Vdc (when plugged into ac power) • 33 amp hours (797 watt hours) with ac power • 23 amp hours (512 watt hours) of rechargeable battery power without ac
AC Input	• Operates and charges from either three phase 187-260 Vac / 45-450 Hz or single phase 100-260 Vac / 45-450 Hz • 6.4 amps @ single phase 120 Vac • 3.2 amps @ single phase 240 Vac • 1.85 amps @ three phase 200 Vac 400 Hz (has the ability to charge batteries off of aircraft power)
Recharging Rate	• 143 minutes (from full discharge) @ 25 °C
Dimensions	• 19.06" L x 7.27" W x 7.35" H • 484.12 mm x 184.66 mm x 186.7 mm
Weight	• 53 lbs (24 kg)



Replaces the original battery in the Apache 64D Helicopter.



INCLUDES



T125000-111 9'6" North American Universal Line Cord



TI45014D Battery Charger/Conditioner



Features:

- Voltage Selector Switch allows for use with 120 Vac or 240 Vac input.
- Unique system that can operate in series or in parallel.
- Removable ac line cord.
- Tesla™ International Line Cords available.
- Thermal/Overload protection.
- Lightweight and portable.
- Cooling Fan.
- Built-in State of Charge Indicators.
- Exceeds MIL-STD-810 (transportation, helicopter, CWV, tracked).
- Other Voltages available.
- Optional Cable Assemblies available with NATO and Aviation Plugs.

Specifications:

DC Output	(12 Vdc Output & 24 Vdc Output) • 1140 W (80 amps continuous @ 14.25 Vdc or dual 40 amps continuous @ 28.5 Vdc or when plugged into ac power)
AC Input	• Operates from Single Phase 100-260 Vac / 40-500 Hz • 1968 W (8.2 A rms @ 240 Vac) • 1944 W (16.2 A rms @ 120 Vac)
Dimensions	• 20.16" L x 10.53" W x 4.00" H • 512.1 mm x 267.5 mm x 101.7 mm
Weight	• 17.45 lbs (7.92 kg)
Warranty	• 2 Years (3 Year Optional)



OPTIONAL ACCESSORIES



TI2007-070 Mini DC to Aviation 4 AWG, 25' Cable Assembly



TI2007-071 Mini DC to Compact NATO 4 AWG, 25' Cable Assembly

INCLUDES

TI45014D (12V & 24V)
NSN: 6130-01-625-6382



TI25000-211
9'10" NEMA North American Line Cord



TI2007-029 Dual Output Mini DC to Alligator Clamps 6 AWG, 6' Cable Assembly

Battery Charger/Conditioner

TI150 Series Battery Charger/Conditioner

Hardwired

Features:

- Circuit Breaker protected output.
- Designed for permanent installation.
- Thermal/Overload protection.
- Exceeds MIL-STD-810.
- Cooling fan.



Specifications:

DC Output	Models TI15014-120 and TI15014-240 (12 Vdc Output) • 20 amps continuous @ 14.25 Vdc (when plugged into ac power) Models TI15028-120 and TI15028-240 (24 Vdc Output) • 10 amps continuous @ 28.5 Vdc (when plugged into ac power)
AC Input	Operates from Single Phase 100-260 Vac / 40-500 Hz Models TI15014-120 and TI15028-120 • 4.7 Amps @ 120 Vac Models TI15014-240 and TI15028-240 • 2.35 Amps @ 240 Vac
Dimensions	• 7.49" L x 5.68" W x 2.87" H • 190.2 mm x 144.3 mm x 72.9 mm
Weight	• 6.00 lbs (2.72 kg)
Warranty	• 2 Years (3 Year Optional)



TI150 Series Battery Charger/Conditioner

International Electrotechnical Commission (IEC) Cord



Features:

- Voltage Selector Switch allows for use with 120 Vac or 240 Vac input.
- Removable ac line cord.
- Tesla™ International Line Cords available.
- Model TI15014-120-240 charges 12V batteries.
- Model TI15028-120-240 charges 24V batteries.
- Thermal/Overload protection.
- Lightweight and portable.
- Cooling Fan.
- Built-in Recharge Indicator.
- Exceeds MIL-STD-810.

Specifications:

DC Output	Models TI15014-120-240 (12 Vdc Output) • 20 amps continuous @ 14.25 Vdc (when plugged into ac power) Models TI15028-120-240 (24 Vdc Output) • 10 amps continuous @ 28.5 Vdc (when plugged into ac power)
AC Input	• Operates from Single Phase 100-260 Vac / 40-500 Hz • 4.7 amps @ 120 Vac • 2.35 amps @ 240 Vac
Dimensions	• 13.37" L x 5.68" W x 3.5" H • 314.3 mm x 144.3 mm x 88.9 mm
Weight	• 4.11 lbs (1.86 kg)
Warranty	• 2 Years (3 Year Optional)

OPTIONAL ACCESSORIES



TI2007-013 Mini NATO Quick Disconnect Cable Assembly



TI2007-019 Mini DC to 10AWG Quick Disconnect Cable Assembly

INCLUDES



TI2010-096 12/24V Cable Assembly Quick Disconnect DC Output with Ring Terminals.

and



TI2010-095 12/24V Cable Assembly Quick Disconnect DC Output with Alligator Clamps.

and



TI25000-053 American Line Cord

M777 Power Products

Tesla's Power Kit derived from the need to power a M777 in a remote location without its Prime Mover. The unit needed a solution to, safely and effectively, provide a power source to the M777, while at the same time improving the units fighting position and maneuverability.

TI2000-440 Generator Set Interface

A Tesla™ Generator Set Interface is a power distribution box. This unit is man-portable, maintenance free, and can be operated from any three phase power source.

- Three 3Ø 208 Y 120 Outlets
- Circuit Breakers with Output Power Status LED Indicators
- Ingress Protect rating of IP66
- 2-year warranty (3-years optional)
- Weight: 35 lbs. (15.9 kg)



TI3000 GPU-24-UNV



**TI28000-654 Reel with
TI25000-089 Cord**



**TI2007-088
M777 Pigtail Cable, 25'**



**TI2007-012
DC to NATO Recep.
Cable Assy., 15'**



**TI2007-079
DC to Dual NATO
Receptacle Boxes, 23'**

TI2000-558 (M777 KIT-A) includes 1 each:

- TI2000-440 AC Distribution Box
- TI28000-654 Heavy Duty Reel
- TI25000-089 100m Extension Cord
- TI2007-088 M777 Pigtail Cable
- TI2007-012 DC to NATO Cable

**The M777 Power Kit can
be configured to suit
your power needs.**

TI78-30 NiMH Battery Assembly



Features:

- Designed to replace the original emergency backup battery for the Pioneer UAV, as well as other UAVs.
- Maintenance-free design.
- 5 to 7-year service life.
- Rugged ABS housing and cable assembly.
- Standard MIL-C-26482 Circular Connector.
- Manufactured by Tesla™.
- Exceeds MIL-STD-810.

Specifications:

DC Output	• 28.8 Vdc • 6.5 amp hours (145 watt hours) of rechargeable battery power
Recharging Rate	• Dependant on charging system
Dimensions	• 9.58" L x 7.79" W x 2.50" H / 243.2 mm x 197.8 mm x 63.4 mm
Weight	• 11 lbs (4.98 kg)
Warranty	• 3 Years



Originally designed for the Pioneer UAV Drone.

Transformers



TI2000-123

Dry Power Transformer

- 10 kVA, single phase, 60 Hz
- Input 480 Vac 60 Hz 20.83 amps max.
- Output 240 Vac 60 Hz 41.66 amps max.
- Used with the TI4100 and TI5100 GPUs.
- Size : 10.24" L x 13.5" W x 16.19" H
260 mm x 342.9 mm x 411.4 mm
- Weight: 135 lbs. (61.23 kg)



TI2000-009

Step Down Transformer

- 15 kVA, 3-phase, 60 Hz.
- Input 480 Vac 18.06 amps max. 60 Hz
- Output 208 Vac 41.7 amps max. 60 Hz
- Converts 480 Vac, 3-phase to 208 Vac, 3-phase.
- Used with the TI4200, TI4400, TI5200 and TI5400 GPUs.
- Size : 25.8" L x 19.25" W x 24.66" H
655.5 mm x 489 mm x 626.3 mm
- Weight: 265 lbs (120.2 kg)



TI2000-054

Step Down Transformer

- 15 kVA, 3-phase, 60 Hz.
- Input 480 Vac 18 amps max. 60 Hz
- Output 208 Vac 42 amps max. 60 Hz
- Converts 480 Vac, 3-phase to 208 Vac, 3-phase.
- Used with the TI4200, TI4400, TI5200 and TI5400 GPUs.
- Size: 21.3" L x 24.5" W x 28.63" H
539.2 mm x 622.3 mm x 727.2 mm
- Weight: 195 lbs (88.45 kg)



TI2000-222

Step Down Transformer

- 15 kVA, 3-phase, 50/60 Hz.
- Input 380/400/415 (360 - 400) Vac, 3 Phase, 42 amps max. 50/60 Hz
- Output 208 Vac 60 amps max. 50/60 Hz
- Converts DELTA 3-phase to 208 Vac, 3-phase.
- Used with the TI4400 and TI5400 Series GPUs.
- Size: 18.61" L x 24" W x 24.9" H
472.69 mm x 609.6 mm x 632.46 mm
- Weight: 235.5 lbs (106.82 kg)



Cobra™ Connectors

Tesla™ Cobra™ Connectors are constructed from rugged combinations of advanced composite materials and corrosion resistant alloys. The result is weatherproof connectors that will withstand battlefield conditions and extreme environments. Along with highly conductive contact materials, Cobra™ Connectors feature virtually indestructible designs and fast “in-the-field” component replacement to make them the last connectors you will ever need.

Tesla™ Connectors are warranted for 2 years. Our Customer Service Team is always available to assist you in answering any questions or getting necessary replacement parts and tools for your connectors.

Cobra™ Connector Features:

- Rated to 3000 peak amps
- Clamped cable connections
- UV, fuel, fungus, oil and water resistant
- Easy component replacement
- Manufactured by Tesla™
- Exceeds MIL-STD-810
- Tested to withstand 50 G of force

Additional Features!

- Our **NATO plugs** positive post has a tip on the end to prevent arcing. An O-ring and hex allows for easy removal and installation of the post with a 3/4” deep well socket.
- The **Aviation plugs** has a replaceable nose. Customers can now easily replace the nose with a standard hex key.



The Origin of Tesla's™ Connectors

Tesla™ Industries was started in 1992 to provide high-quality power conversion equipment to the United States' military, law enforcement, and aviation communities. Early on, it was determined that the power coming from Tesla™ units encountered restrictive impedance when it reached other name brand connectors. All of the standard “off the shelf” connectors, like the standard NATO slave plug, were outdated designs. Since no other connectors were available that matched the quality of the Turbo Start™ power systems, Tesla™ developed a new line of high-power Tesla™ connectors.

Call Tesla™ at (302) 324-8910 to request a **Connector Catalog**.

Cobra™ Connectors

Cobra™ NATO Connectors



TI2005-078

NATO Plug
NSN: 6130-01-523-1270 (CL IX)



TI2005-129

Compact NATO Plug
NSN: 5935-01-523-8368 (CL IX)



TI2000-376

Inline NATO DC
Receptacle



TI2000-087

NATO DC Receptacle



TI2000-227

NATO DC Receptacle
w/3.25 Flange



TI2007-828

NATO DC Receptacle



TI2005-147

NATO 2-pin Adapter
NSN: 5935-01-525-5316 (CL IX)



TI2000-295

Male NATO to
2-pin Female Adapter



TI2005-852

NATO Receptacle 15° Wall
Mount Assembly



TI28000-614

Heavy Duty
Alligator Clamps



TI2000-418

NATO Receptacle
Replacement Dust Cap
with Lanyard

Cobra™ Aviation Connectors



TI2005-238

DC Aviation Plug



TI2005-241

DC Aviation Plug
with On/Off Switch



TI2005-400

400 Hz Aviation Plug



TI2000-346

400 Hz Aviation Plug



TI2000-331

DC Aviation Plug
with Two Conductors



TI2000-332

DC Aviation Plug
with Four Conductors



TI2000-336

Aviation Receptacle



TI2000-375

Aviation Inline Receptacle



TI2005-831

Aviation 400Hz Receptacle

Cobra™ CAT® Connectors



TI2000-294

Cat® Jump Start Connector



TI2000-421

Cat® Jump Start Receptacle

Cobra™ Connectors

Cobra™ DC Battery Connectors



TI2005-410

DC Battery Connector



TI2000-384

DC Battery Connector



TI2005-379

DC Battery Receptacle

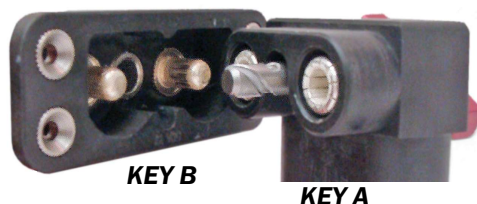


TI2005-925

DC Battery Receptacle Dust Cover

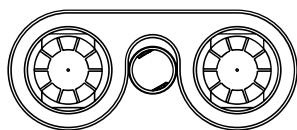


DC Battery Connector & Receptacle Ordering Options

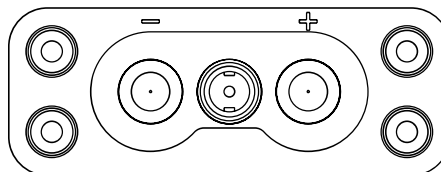


Each keyed DC Receptacle is only compatible with the matching keyed DC Battery Connector. As an example the Key A **TI2005-410** DC Battery Connector **WILL NOT** mate with the Key B **TI2004-020** DC Battery Receptacle. They must be the same Key to fit properly; This is a safety measure. Picture shows a sample of what NOT to do.

KEY A



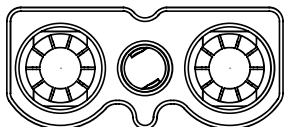
Key A **TI2005-410**



Key A **TI2005-379 / NSN: 5935-01-594-9348**

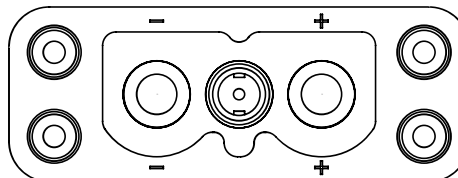
Key A uses the Military standard MS3509 and comes standard with all Tesla™ 28 Vdc Ground Power Units and (MPU) Aircraft Battery Systems.

KEY B



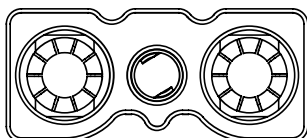
Key B **TI2004-021**

Key B is the standard for all Tesla™ 12 Vdc on Ground Power Units

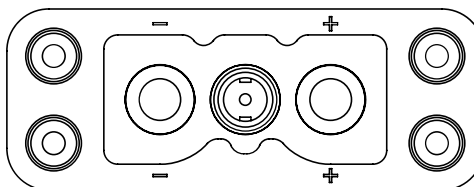


Key B **TI2004-020**

KEY C



Key C **TI2004-108**



Key C **TI2004-109**

Connector Replacement Parts and Tools

The Cobra™ NATO Plug



TI2004-444

Cobra™ NATO Positive Post for New Style NATO Plug

*For NEW style NATO plugs indicated by the black tip on the end of the positive post.



TI2005-121

Cobra™ NATO Negative Contact
NSN: 5999-01-525-0582 (CL IX)



TI2005-126

Cobra™ NATO Negative Contact
Insertion/Extraction Tool
NSN: 5120-01-523-8761 (CL II)



TI2005-117

Cobra™ NATO Positive Post
NSN: 5935-01-523-8914 (CL IX)



TI27000-082

Cobra™ NATO Positive Contact
Insertion/Extraction Tool
NSN: 5120-01-527-7729 (CL II)

The Cobra™ DC Aviation Plug



TI2005-250

3-Slotted Connector



TI2005-251

DC Aviation Plug
Positive/Negative Contact



TI2005-654

400Hz Aviation Plug
Positive/Negative Contact



TI2005-239

Cobra™ Aviation
Insertion/Extraction Tool



TI2004-341

Replaceable Nose for
Aviation Plug



TI2004-340

Replaceable Nose for
400Hz Aviation Plug

DC Battery Connector



TI2005-488

DC Battery Connector
Insertion/Extraction Tool



TI2005-490

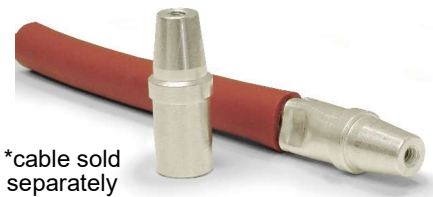
DC Battery Connector
Replacement Contacts



TI2004-386

DC Battery Connector
Replacement Contacts

Crimp Bullets



*cable sold
separately

Many sizes available. Call for details.

Cord Grips



TI2005-072

Negative Cord Grip



TI2005-073

Positive Cord Grip
NSN: 5340-01-524-4530



TI2005-074

Negative Cap
NSN: 5999-01-523-8390



TI2005-075

Positive Cap
NSN: 5999-01-524-5077

Cable Assemblies

These unique assemblies feature state-of-the-art electronic control and reliable switching up to 3000 peak amps.

Carrying case Included for Cable Assemblies
TI2007-001 and **TI2007-002**.
 Optional for **TI2006-314**.



TI7000-146 Carrying Case

Features:

- State-of-the-art electronic control
- Reliable switching up to 3000 peak amps
- UV, fuel, fungus, and oil resistant
- Easy component replacement
- Manufactured by Tesla™
- Exceeds MIL-STD-810
- Tested to withstand 50 G of force
- 2 year warranty (3 years optional)



TI2007-001

Cobra™ Smart NATO Slave Cable Assembly

The intelligent circuitry in the Smart NATO plug monitors voltage levels and prevents potentially dangerous conditions, such as reverse polarity and overvoltages.

- Carrying Case Included

- Reverse polarity and overvoltage protection
- 25' 1/0 Cable
- Clamped cable connections
- Weight: 36.2 lbs (16.5 kg)



TI2007-002

25' Cobra™ Smart NATO DC Plug Cable Assembly

The intelligent circuitry in the Smart NATO plug monitors voltage levels and prevents potentially dangerous conditions, such as reverse polarity and overvoltages.

- Carrying Case Included

- Reverse polarity and overvoltage protection
- 25' 1/0 Cable
- Weight: 30.6 lbs (13.88 kg)

Products below feature a Power On/Off switch and a "Power On Indicator" LED, that when illuminated, power can be transferred from the ground power unit to the mechanized or aviation unit.



TI2006-312

Cobra™ Power NATO DC Cable Assembly

- 15' 1/0 Cable
- Weight: 20 lbs (9.07 kg)



TI2006-313

Cobra™ Power Aviation DC Cable Assembly

- 15' 1/0 Cable
- Weight: 19.6 lbs (8.89 kg)



TI2006-314

Cobra™ Power NATO Slave Cable Assembly

- 25' 1/0 Cable
- Weight: 32 lbs (14.51 kg)
- Clamped cable connections
- Carrying Case optional

NATO to NATO Slave Cables

NATO Slave Start Jumper Cables provide a fast method of restarting disabled military vehicles through vehicle-to-vehicle NATO receptacles. These cables handle up to 3,000 cranking amps!

The standard sizes are listed below but cables lengths and gauges can be customized.



NATO to NATO Slave Cables

TI2006-705	15 ft. Cable
TI2006-702	25 ft. Cable
TI2006-704	50 ft. Cable



NATO to Mini-NATO Slave Cables

TI2006-720	20 ft. Cable
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TI2007-051 Cobra™ Alligator to Alligator Cables

This is the perfect jumper cable solution with its premium heavy duty construction and 15' 10 cable.



2-Pin Cat® Slave Cables



2-Pin Cat® Slave Cables

TI2007-068	15 ft. Cable
TI2007-120	20 ft. Cable
TI2007-069	30 ft. Cable

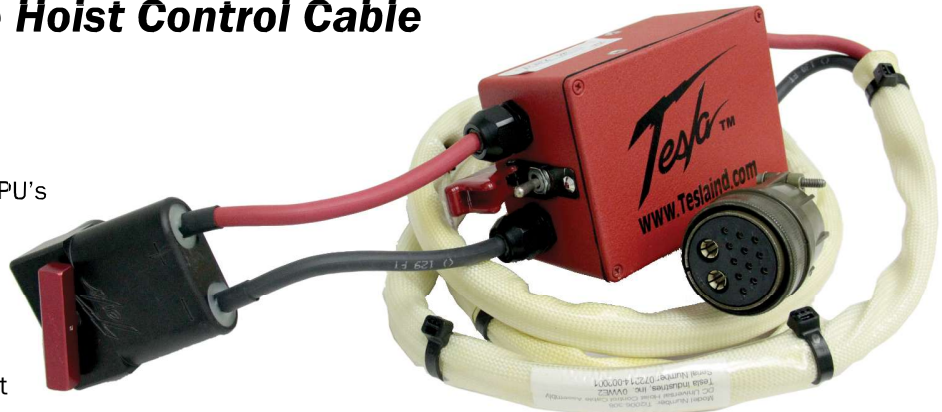
Custom Length available upon request

Cable Assemblies

Universal Rescue Hoist Control Cable TI2006-308

Features:

- Compatible with all Tesla™ GPU's
- Rated to 1500 peak amps
- 8.5' 4 AWG Cable
- Exceeds MIL-STD-810
- Clamped cable connection
- Easy component replacement
- Tested to withstand 50 G of force
- UV, fuel, fungus, and oil resistant
- Weight: 7.5 lbs. (3.4 kg)
- 2-year warranty

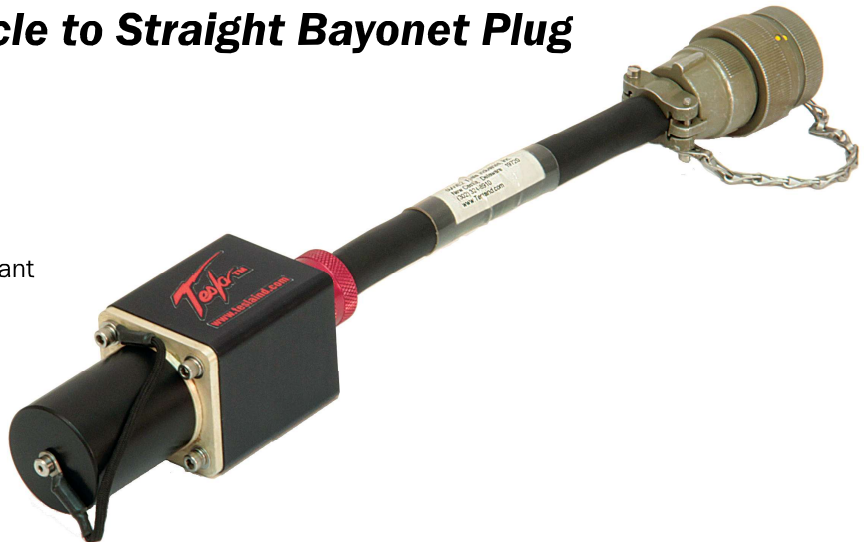


The TI2006-308 Universal Rescue Hoist Control Cable uses state-of-the-art technology to operate helicopter rescue hoists (42305-1, 42305R1, 42305-3, 42305-5) outside of the aircraft. Repairs and testing can now be done safely and efficiently using power from any Tesla™ Ground Power Unit.

Inline NATO Receptacle to Straight Bayonet Plug 8" Cable Assembly TI2007-032

Features:

- UV, fuel, fungus, oil, and water resistant
- 8" 600 Volt S00W 6/4 Cable
- Sealed cable connections
- Rated to 270 amps max
- Custom lengths available
- Weight: 3.2 lbs. (1.45 kg)
- 2 Year Warranty



Inline NATO Receptacle to MS3106F Cable Assembly 36" Cable Assembly TI2007-090

Features:

- Sealed cable connections
- Rated to 270 amps max
- 36" 4/2 Cable
- UV, fuel, fungus, oil, and water resistant
- Weight: 5.0 lbs. (2.27 kg)
- 2 Year Warranty



NSN: 1290-01-668-2545

Cobra™ Smart NATO Receptacle Control Box Cable Assembly **TI2007-007**

Features:

- State-of-the-art electronic control
- Remote Controlled Access Pad
- Reliable switching up to 3000 peak amps
- Reverse polarity and overvoltage protection
- 10' 1/0 Cable with Terminal Ends
- UV, fuel, fungus, and oil resistant
- Weight: 16.6 lbs (7.48 kg)
- 2 year warranty



The Tesla™ Smart NATO Receptacle Control Box Cable Assembly is equipped with intelligent circuitry to monitor voltage levels and prevent potentially dangerous conditions, such as reverse polarity and overvoltages. It provides safe and efficient power transfer of up to 3000 peak amps. The Tesla™ Smart NATO Receptacle Control Box Cable Assembly is equipped with a Remote Access Pad. This 10' assembly allows the user to control the cable assembly from a different location other than on the control box. It can be secured to a vehicle, testing station, etc. using the mounting bracket.

DC to NATO Receptacle Cable Assembly **TI2007-012**

Features:

- Rated to 3000 amps
- 15' 1/0 Cable
- UV, fuel, fungus, and oil resistant
- Easy component replacement
- Weight: 16.5 lbs (7.48 kg)
- 2 year warranty



The Tesla™ DC to NATO Receptacle Cable Assembly is currently being used with the M777 Howitzer. It includes a durable cap tethered with a corrosion resistant lanyard. The cap, along with the cap seal at the base of the receptacle, protects the receptacle from rain, snow, sand and other harmful debris.

DC to Alligator Switchbox 15' Cable Assembly **TI2007-096**

Features:

- UV, fuel, fungus, oil, and water resistant
- 15' Length*
- 1Ø Cable
- *Custom lengths available
- 2 Year Warranty



Cable Assemblies

TI2007-105 Cobra Zorber

The Cobra-Zorber protects equipment that is vulnerable to voltage spikes by preventing surges with its unmatched innovative state-of-the-art design. The merge of our top of the line NATO Connector (TI2005-078) with the new special Cobra NATO Receptacle gives the Cobra Zorber its unique function - the ability to literally “eat the spikes,” while its 20” long body ensures its convenience and mobility.

Features:

- 20” cable assembly
- Status indicator
- Maintenance-free design
- Up to 3000 peak amps
- UV, fuel, fungus, water, and oil resistant
- Manufactured by Tesla™
- 2 Year Warranty



Please NOTE: The Cobra-Zorber can be used with GPUs, as well as, track and wheeled vehicles or any other power sources.



Universal Aviation Battery Cable - TI2007-401

- Maintenance-free design
- 12', 4 AWG Cable*
- Rated to 1500 peak amps
- Easy component replacement
- UV, fuel, fungus and oil resistant
- Exceeds MIL-STD-810
- Weight: 6.27 lbs (2.84 kg)
- 2-year warranty

NOTE: Cable is not rated for aircraft starting. It is to be used for ground maintenance only.



* Heavier gauge cable available

8' Universal Aviation Battery Cable with 100A Circuit Breaker TI2007-038

Features:

- Protected by 100 amp circuit breaker
- Maintenance-free design
- 8', 4 AWG Cable
- Easy component replacement
- UV, fuel, fungus and oil resistant
- Weight: 7.20 lbs (3.27 kg)
- 2-year warranty



NOTE: Cable is not rated for aircraft starting. It is to be used for ground maintenance only.

Y-Cables

Tesla™ Y-Cables Assemblies contain three ends of which one is the common end that in turn leads to a split into the remaining two ends. The Y-Cables make it possible to connect power from our Ground Power Units and Micro Power Units to two separate end sources. **Custom sizes available.**



A TI2000-071

*DC Receptacle Box to
Dual DC Connectors, 4'*

B TI2007-021

Aviation to Dual DC, 35'

C TI2007-022

DC to Dual NATO, 23'

D TI2007-028

*DC to Dual NATO,
23'/33'*

E TI2007-059

DC to Dual Aviation, 15'

F TI2006-903

*DC Connector to
Dual DC Receptacle
Boxes, 40"*

G TI2007-078

*Inline Aviation to
Dual DC Receptacle
Boxes, 15'*

H TI2007-079

*DC to Dual NATO
Receptacle Boxes, 23'*

I TI2007-093

*Dual DC Battery
Connectors to Two DC
Receptacles, 23'*

J TI2007-095

NATO to Dual NATO, 23'

Cable Assemblies

Adapting Cables

Adapting Cables, manufactured by Tesla™, feature our Inline NATO or Aviation Receptacle to Ring Terminals, Alligator Clamps, Aviation Plug or 2-Pin Cat® Connector with a 2' 1Ø Cable.

Call to inquire about custom cable lengths.

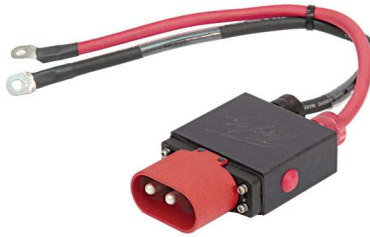
Features

- Rated to 3000 peak amps
- Clamped cable connections
- UV, fuel, fungus, oil, and water resistant
- Tested to withstand 50 G of shock
- Manufactured by Tesla™
- Exceeds MIL-STD-810
- 2 year warranty



TI2007-045

**Inline NATO Receptacle
to Ring Terminal**



TI2007-048

**Inline Aviation
Receptacle to Ring
Terminals**



TI2007-049

**Inline Aviation
Receptacle to NATO Plug**



TI2007-053

**Inline NATO Receptacle
to 2-Pin Cat® Jump Start
Connector**



TI2007-054

**Inline Aviation RCPT to
2-Pin Cat® Jump Start
Connector**



TI2007-047

**Inline NATO Receptacle
to DC Aviation Plug**



TI2007-046

**Inline NATO Receptacle
to Alligator Clamps**



TI2007-050

**Inline Aviation
Receptacle to Alligator
Clamps**



TI2007-099

**Inline Aviation
Receptacle to
DC Receptacle Box**

Tesla™ Standard DC Cables

Standard sizes are listed below, but custom cables are available.

Cable lengths and gauges can be customized to suit your needs. Call for assistance.



DC Cables: Aviation Plug

TI2007-208	8 ft. Aviation
TI2007-210	10 ft. Aviation
TI2007-215	15 ft. Aviation
TI2007-220	20 ft. Aviation
TI2007-225	25 ft. Aviation
TI2007-230	30 ft. Aviation
TI2007-235	35 ft. Aviation
TI2007-240	40 ft. Aviation
TI2007-415	2Ø 15 ft. Aviation
>> NSN: 6150-01-642-0813	
TI2007-232	2Ø 30 ft. Aviation
>> NSN: 6130-01-599-1205	



DC Cables: On/Off Aviation Plug

TI2006-535	8 ft. On/Off Aviation
TI2006-540	10 ft. On/Off Aviation
TI2006-545	20 ft. On/Off Aviation
TI2006-550	25 ft. On/Off Aviation
TI2006-555	30 ft. On/Off Aviation



DC Cables with Mini-NATO Plug

TI2006-302	4 AWG 15 ft. NATO
>> NSN: 6150-01-571-4566	
TI2006-321	1Ø 15 ft. NATO
TI2006-062	1Ø 20 ft. NATO



DC Cables: NATO Plug

TI2007-310	10 ft. NATO
TI2007-315	15 ft. NATO
TI2007-320	20 ft. NATO
TI2007-625	25 ft. NATO
TI2007-630	30 ft. NATO



DC Cables: 2-Pin Cat® Connector

TI2007-034	15 ft. 2Ø Cat® End
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Cable Assemblies

Tesla™ Standard DC Cables

Standard sizes are listed below, but custom cables are available.

Cable lengths and gauges can be customized to suit your needs. Call for assistance.



DC Cables: Terminal End

TI2006-608	8 ft. Terminal End
TI2006-610	10 ft. Terminal End
TI2006-615	15 ft. Terminal End
TI2006-620	20 ft. Terminal End
TI2006-625	25 ft. Terminal End
TI2006-630	30 ft. Terminal End
TI2007-074	4 ft. 4AWG Terminal End



Dual DC Receptacle Box

TI2007-043	1Ø 4 ft. Dual DC
TI2006-803	1Ø 12 ft. Dual DC
TI2006-804	1Ø 26 ft. Dual DC



DC Cables: Bullet End

TI2006-501	8 ft. Bullet End
TI2006-510	10 ft. Bullet End
TI2006-520	20 ft. Bullet End
TI2006-525	25 ft. Bullet End
TI2006-530	30 ft. Bullet End



DC Cables: Heavy Duty Alligator Clamps

TI2007-077	25 ft. 2Ø Cable with Alligator Clamps
TI2007-515	15 ft. 1Ø Cable with Alligator Clamps
TI2007-520	20 ft. 1Ø Cable with Alligator Clamps
TI2007-525	25 ft. 1Ø Cable with Alligator Clamps

Tesla™ AC Line Cords

NEMA 15/20A Line Cords

For units with a circuit breaker style receptacle.

- TI25000-211 North American Line Cord NEMA 515P
- TI25000-212 Italian Line Cord
- TI25000-213 Continental European Line Cord
- TI25000-214 Old British Line Cord
- TI25000-215 England / UK Line Cord
- TI25000-216 Swiss Line Cord
- TI25000-201 Australian Line Cord
- TI25000-203 Israel Line Cord
- TI25000-204 Denmark Line Cord
- TI25000-032* North American Line Cord NEMA 520P

*To be used for TI3000 Commercial Unit



Fuse Style AC Line Cords

For units with a fuse style receptacle.

- TI25000-001 North American Line Cord
- TI25000-002 Italian Line Cord
- TI25000-003 Continental European Line Cord
- TI25000-004 Old British Line Cord
- TI25000-005 England / UK Line Cord
- TI25000-006 Swiss Line Cord
- TI25000-011 Australian Line Cord
- TI25000-200 Israel Line Cord
- TI25000-300 Denmark Line Cord



IEC Battery Charger/Conditioner Line Cords

- TI25000-053 American Line Cord
- TI25000-002 Italian Line Cord
- TI25000-003 Continental European Line Cord
- TI25000-004 Old British Line Cord
- TI25000-005 England / UK Line Cord
- TI25000-006 Swiss Line Cord
- TI25000-011 Australian Line Cord
- TI25000-200 Israel Line Cord
- TI25000-300 Denmark Line Cord



NEMA 515P



Italian



Continental European



Old British



England/UK



Swiss



Australian



Israel



Denmark



NEMA 520P

AC Line Cords

Tesla™ AC Line Cords

Universal Line Cords

TI25000-111	North American Universal Line Cord 100-130 Vac 60 Hz 6.50 amps max. NSN: 5935-01-576-4422 (CL IX)
TI25000-112	Italian Line Cord - 10A/250V
TI25000-113	European Universal Line Cord - 10A/250V-210-250 Vac 50/60 Hz 3.25 amps max.
TI25000-114	Old British Universal Line Cord - 210-250 Vac 50/60 Hz 3.25 amps max.
TI25000-115	England Universal Line Cord - 10A/250- 210/250 Vac 50/60 Hz 3.25 amps max.
TI25000-120	Israel Line Cord - 6/10A/250V



TI25000-U00

Unit Modification /Universal Line Cord Set

Our GPUs are able to be modified from the standard NEMA receptacle to accept a Universal Line Cord. Units that are modified to accept the Universal Line Cords will also receive the Tesla™ Universal AC Line Cord Set. Call Tesla™ Customer Service for more information on any of the Universal Line Cord options.

TI25000-111	North American Universal Line Cord
TI25000-113	European Universal Line Cord
TI25000-114	Old British Universal Line Cord
TI25000-115	England Universal Line Cord
TI7000-131	Line Cord Pouch



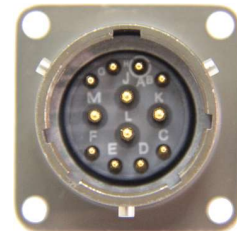
Line Cord AC Adapter

The AC Adapter option is available when ordering a new unit, with the addition of an AC Adapter*.

TI16000-019 AC Adapter

NSN: 5935-01-418-5197

*must be factory installed.



AC Extension Cords

AC Extension Cords come in several lengths or can be custom-ordered to any size. Contact Tesla™ Customer Service for more info.

A NEMA 5-20P Plug to 5-20R

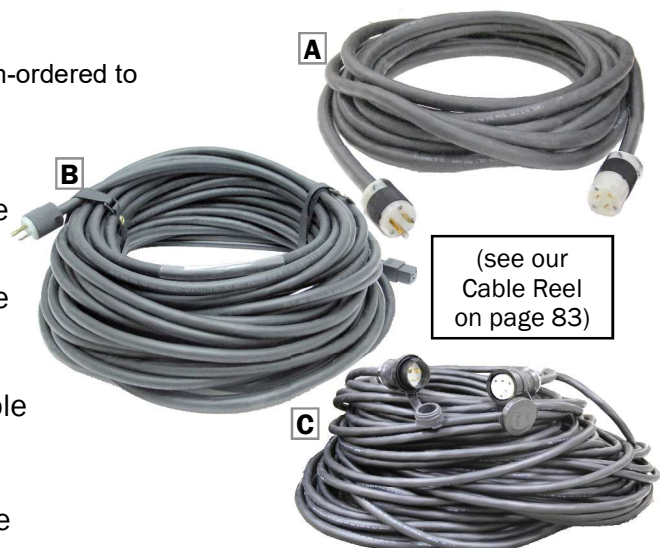
TI25000-099	50 Ft. AC Extension Cord- 10/3 Cable
TI25000-084	75 Ft. AC Extension Cord- 8/3 Cable
TI25000-100	100 Ft. AC Extension Cord- 8/3 Cable

B NEMA 5-15P Plug to IEC C19

TI2000-442	115 Ft. AC Extension Cord- 10/3 Cable
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C NEMA L6-20P to NEMA L6-20R

TI25000-089	328 Ft. AC Extension Cord- 8/3 Cable
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Tesla™ Shipping Cases and Cable Reel

Turbo Start™ Cases



TI7000-024

NSN: 8145-01-445-3666

For use with TI50A, TI500, TI1000, TI1500, & TI1530

Length: 24.64" (625.85 mm)
Width: 9.14" (232.15 mm)
Height: 19.26" (489.2 mm)
Weight: 23 lbs (10.5 kg)



TI7000-025

NSN: 8145-01-445-3667

For use with TI2000 & TI3000

Length: 40.64" (1032.26 mm)
Width: 18.51" (470.15 mm)
Height: 19.64" (498.85 mm)
Weight: 54 lbs (24.49 kg)



TI7000-026

For use with TI2500, TI2560 12-24, TI3000 INV, TI3500, TI3560 12-24, TI4100 & TI5100

Length: 40.66" (1032.76 mm)
Width: 23.66" (600.96 mm)
Height: 19.66" (499.36 mm)
Weight: 73 lbs (33.11 kg)



TI7000-175

For use with TI4200 & TI5200

Length: 55.16" (1401.06 mm)
Width: 24.41" (620.01 mm)
Height: 19.91" (505.71 mm)
Weight: 95 lbs (43.09 kg)



TI7000-129

For use with TI5400 400Hz GPU-24 GHMD, TI5400 400Hz GPU-24 UAV ACDC, & TI5400A 400Hz GPU-24 UAV ACDC

Length: 54.16" (1375.66 mm)
Width: 29.16" (740.66 mm)
Height: 27.66" (702.56 mm)
Weight: 115 lbs (52.16 kg)



TI7000-190

For use with TI5400 400Hz GPU-24 UAV ACDC & TI5400A 400Hz GPU-24 UAV ACDC

Length: 54.25" (1377.95 mm)
Width: 28.75" (730.25 mm)
Height: 37.75" (958.85 mm)
Weight: 168.5 lbs (76.4kg)



TI28000-654

The Tesla™ Reel is designed for rugged heavy duty uses requiring long lengths of line cords and large storage capacity.

Width: 40.72" (1034.29 mm)
Height: 20.28" (515.14 mm)
Length: 17.75" (450.85 mm)
Weight: 55 lbs (24.95 kg)

Available in Red and Tan
*Cord sold separately
(see page 82)



TI7000-065

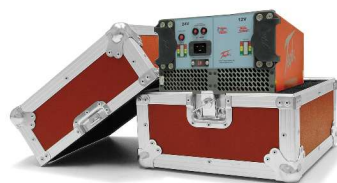
For use with TI4400 & TI5400

Length: 54.16" (1375.66 mm)
Width: 29.16" (740.66 mm)
Height: 20.66" (524.76 mm)
Weight: 102 lbs (46.26 kg)

GPU Accessories

Tesla™ Shipping Cases

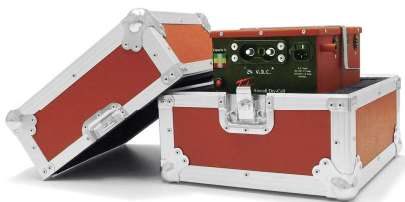
Turbo Start™ Cases



TI7000-115

For use with TI1550-12-24-UAV GPU & TI1560-12-24 GPU

Length: 24.64" (625.85 mm)
Width: 14.14" (359.15 mm)
Height: 19.26" (489.2 mm)
Weight: 31 lbs (14 kg)



TI7000-023

For use with TI4676 MPU

Length: 13.89" (352.8 mm)
Width: 14.89" (378.2 mm)
Height: 13.14" (333.75 mm)
Weight: 14.5lbs. (6.57 kg)



TI7000-069

NSN: 8145-01-588-0250

For use with TI58D MPU

Length: 18.64" (473.45 mm)
Width: 10.89" (276.6 mm)
Height: 13.14" (333.75 mm)
Weight: 20 lbs. (9.07 kg)

GPU Protective Covers

Protects units from light rain, fog and sand. Custom fit for Tesla™ Ground Power Units.



TI7000-046

For the TI50A / TI500 / TI1000 / TI1500 / TI1530



TI7000-114

For the TI1550-12-24-UAV / TI1560-12-24



TI7000-047

For the TI2000 / TI3000



TI7000-083

For the TI5400 400Hz GPU-24 GHMD / TI5400 400Hz GPU-24 UAV ACDC / TI5400A 400Hz GPU-24 UAV ACDC



TI7000-084

For the TI4400 / TI5400



TI7000-104

For the TI4200 / TI5200



TI7000-142

For the TI4100 / TI5100 / TI2500 / TI2560 12-24 / TI3500 / TI3560 12-24

GPU Accessories



Touch-up Spray Paint Can

TI6000-127 Red Paint Can

TI6000-136 Grey Paint Can



Touch-up Paint Pen

TI6000-128 Red Paint Pen

TI6000-137 Grey Paint Pen



TI7000-006 Battery

Non-spillable, dry cell rechargeable batteries

NSN: 6130-01-501-0422



TI7000-184 Dolly

For use with TI50A, TI500, TI1000, TI1500, TI1530 & TI100-PFC

Makes transporting safe and easy



TI7000-116 Dolly

For use with TI1550 12-24 UAV GPU-24, TI1560 12-24 GPU & TI200-PFC

Makes transporting safe and easy



TI21000-155 Tow Cart

Tow Cart for use with TI5400 Series GPUs

Makes transporting safe and easy

GPU Tires

Tesla™ offers several tires in order to meet various customer mobility needs.



TI21000-203

Flat-Free Tire

A solid foam rubber tire. The standard tire for Ground Power Units.



TI21000-400

Anti-FOD Flat-Free Tire for TI5400 Tow Carts

A rugged, puncture-proof, foam-filled tire sized to fit our Hybrid Units.



TI21000-192

Balloon Tire

For use on soft sand.



TI5400 GPU Series

Specifications / Comparison Chart

MIL-STD Certification

Meets or exceeds MIL810F / MIL 461 tests

Meets or exceeds Global Hawk aircraft system requirements

Performance Capabilities

Input Requirements

60Hz - runs/charges from 3-phase 208-240 Vac power 42 amps

400Hz - runs/charges from 3-phase 208-240 Vac power 45 amps

400Hz - runs/charges from 3-phase 200 Y 115 Vac power 75 amps

Power Output

400 amps @ 28.5 Vdc continuous

446 amps for 1 hour (10,615 watt hours) with 208-240 Vac power, 3-phase

46 amps for 1 hour (1,024 watt hours) without 208-240 Vac power, 3-phase

3000 peak starting amps

400 amps @ 30.25 Vdc continuous

446 amps for 1 hour (10,615 watt hours) with 208-240 Vac power, 3-phase

46 amps for 1 hour (1,024 watt hours) without 208-240 Vac power, 3-phase

3000 peak starting amps

2 kW ac inverter with 60 Hz 120 Vac power outlet

10.8 kVA 30 Amp 200 Y 115 Vac 400 Hz. ac filter functions to purify "dirty" 400 Hz power to produce "clean" power to test avionics and weapon systems. The system instantly detects and suppresses any surges or spikes, safeguarding delicate electronics.

Recharge rate - ac to dc

Cross Platform Capabilities

Power or start any vehicle/aircraft that utilizes a 24 volt system

Test delicate avionics and weapon systems

Provide reliable 400Hz* ground power

*requires 400Hz input power

Advantages

No Hazmat or disposal issues

Water resistant

Maintenance-free design

Technology upgrades available

Maintenance-free lead dry-cell power (No MSDS for Battery Acid)

Multiple starts with back-charge from started engine (applies to track and wheeled vehicles)

			
TI5400 GPU	TI5400 GPU 400 HZ GPU-24 GHMD	TI5400 GPU 400 HZ GPU-24 UAV ACDC	TI5400A GPU 400 HZ GPU-24 UAV ACDC
X	X	X	X
X	X	X	X
X	X	X	X
	X		
		X	X
X	X		X
		X	
		X	X
		X	X
12 min.	12 min.	12 min.	12 min.
X	X	X	X
X	X	X	X
		X	X
X	X	X	X
X	X	X	X
X	X	X	X
X	X	X	X
X			



TI5400 GPU Series

Specifications / Comparison Chart

Standard Features

Telescopic handle and foam-filled tires for portability

400 Hz Aircraft Power Cable

LED charge status meter

DC Output Contactor with On /Off Buttons

Powder coated, extruded aluminum casing. Lightweight, strong and corrosion resistant.

2,000 Watt AC uninterruptible pure sine wave inverter with convenient power outlet (60Hz 120V) to plug in laptops, test instruments, cell phone chargers, and other electrical devices.

2 Year Limited Warranty

Digital Volt/Amp Meter

Options and Accessories

Rain/Dust Cover

Shipping Case

Optional Tow Cart with rear wheel disc brakes

3 Year Limited Warranty

Physical Dimensions

Weight

Dimensions

OPTIONAL ACCESSORIES



TI2000-155 Tow Cart for...
TI5400 Series GPUs



TI7000-083 Protective Cover for...
TI5400 400Hz GPU-24 GHMD,
TI5400 400Hz GPU-24 UAV ACDC,
TI5400A 400Hz GPU-24 UAV ACDC



TI7000-084 Protective Cover for...
TI5400 GPU-24

			
TI5400 GPU	TI5400 GPU 400 HZ GPU-24 GHMD	TI5400 GPU 400 HZ GPU-24 UAV ACDC	TI5400A GPU 400 HZ GPU-24 UAV ACDC
X	X	X	X
		X	X
X	X	X	X
X	X	X	X
X	X	X	X
		X	X
X	X	X	X
		X	X
X	X	X	X
		X	X
X	X	X	X
X	X	X	X
X	X	X	X
X	X	X	X
251 lbs.	267 lbs.	292 lbs.	292 lbs.
50.23"L x 24.5"W x 16.28"H	50.23"L x 24.5"W x 21.25"H	50.23"L x 24.5"W x 22.28"H	50.23"L x 24.5"W x 22.28"H



TI7000-129 Shipping Case for...
TI5400 400Hz GPU-24 GHMD,
TI5400 400Hz GPU-24 UAV ACDC,
TI5400A 400Hz GPU-24 UAV ACDC



TI7000-065 Shipping Case for...
TI5400 GPU-24



TI7000-190 Shipping Case for...
TI5400 400Hz GPU-24 UAV ACDC,
TI5400A 400Hz GPU-24 UAV ACDC

Tesla™ Industries Ground Power Unit Look-Up Table

GPU	DC Output Specifications				Battery Specifications				
	DC Outputs	Output Voltage	Continuous Amps (AC Required)	Watts	Peak Starting Amps	Amp Hrs.	Watt Hours (No AC)	Watt Hours (With AC)	Recharge Time in Minutes
TI1500	1	14.25	20	285	1500	23	512	797	74
TI1530	1	14.25	20	285	3000	46	1024	1309	143
TI1590	1	14.25	40	570	3500	92	2048	2618	150
TI1550	2	28.50	25	713	50 _B	23	512	1224	60
		14.25	20	285	1500	23	512	797	74
TI1560	2	28.50	25	713	1500	23	512	1224	60
		14.25	20	285	1500	23	512	797	74
TI2560	2	28.50	25	713	3000	46	1024	1736	115
		14.25	20	285	3000	46	1024	1309	143
TI3560	2	28.50	40	1140	3000	46	1024	2164	74
		14.25	20	285	3000	46	1024	1309	143
TI500	1	28.50	25	713	750	11.50	256	968	33
TI1000	1	28.50	25	713	1500	23	512	1224	60
TI2000	1	28.50	25	713	3000	46	1024	1736	115
TI2500	2	28.50	25	713	3000	46	1024	1736	115
		28.50	25	713	3000	46	1024	1736	115
TI3000 _A	1	28.50	50	1425	3000	46	1024	2449	60
TI3000 PFC _H	1	28.50	70	1995	3000	46	1024	2449	35
TI3500	1	28.50	50	1425	3500	92	2048	3473	115
TI3500 PFC _H	1	28.50	70	1995	3500	92	2048	3962	70
TI4100	1	28.50	100	2850	1500	23	512	3362	19
TI4200	1	28.50	200	5700	1500	23	512	6212	12
TI4200 PFC _H	1	28.50	200	5700	1500	23	512	6212	12
TI4400	1	28.50	400	11400	1500	23	512	11912	8
TI5100	1	28.50	100	2850	3000	46	1024	3874	33
TI5200	1	28.50	200	5700	3000	46	1024	6724	19
TI5200 PFC _H	1	28.50	200	5700	3000	46	1024	6724	19
TI5400 _A	1	28.50	400	11400	3000	46	1024	12424	12
TI50A _H	1	28.50	50	1425	-	-	-	-	-
TI100 PFC _H	1	28.50	100	2850	-	-	-	-	-
TI200 PFC _H	1	28.50	200	5700	-	-	-	-	-

Notes: A: Additional GPU configurations available.
 B: Circuit breaker limited.
 C: Requires 30 amp service contact Tesla™ for receptacle information.
 D: Requires 50 amp service contact Tesla™ for receptacle information.

AC Input Specifications							GPU
Vac Single Phase	Vac 3Phase	AC Input Amps			Watts	Line Frequency Hz	
		Single Phase 120 Vac	Single Phase 240 Vac	Three Phase 208 Vac			
100-260	-	5.50	2.75	-	660	50/60 Hz	TI1500
100-260	-	5.50	2.75	-	660	50/60 Hz	TI1530
100-260	-	8.50	4.25	-	1020	50/60 Hz	TI1590
100-260	-	14.70	7.35	-	1764	50/60 Hz	TI1550
-	-	-	-	-	-	-	
100-260	-	14.70	7.35	-	1764	50/60 Hz	TI1560
-	-	-	-	-	-	-	
100-260	-	14.70	7.35	-	1764	50/60 Hz	TI2560
-	-	-	-	-	-	-	
100-260	-	19.70	9.85	-	2364	50/60 Hz	TI3560
-	-	-	-	-	-	-	
100-260	-	10	5	-	1200	50/60/400 Hz _F	TI500
100-260	-	10	5	-	1200	50/60 Hz	TI1000
100-260	-	10	5	-	1200	50/60 Hz	TI2000
100-260	-	20	10	-	2400	50/60 Hz	TI2500
-	-	-	-	-	-	-	
100-260	-	20	10	-	2400	50/60 Hz	TI3000 _A
117-130	-	19.8	9.9	-	2376	40 Hz-450 Hz	TI3000 PFC _H
100-260	-	20	10	-	2400	50/60 Hz	TI3500
117-130	-	19.8	9.9	-	2376	40 Hz-450 Hz	TI3000 PFC _H
200-260	-	-	20 _C	-	4800	50/60 Hz	TI4100
-	187-260	-	-	20 _C	7205	50/60 Hz	TI4200
200-260	-	-	33.50 _D	-	6968	40 Hz-450 Hz	TI4200 PFC _H
-	187-260	-	-	40 _E	14394	50/60 Hz	TI4400
200-260	-	-	20 _C	-	4800	50/60 Hz	TI5100
-	187-260	-	-	20 _C	7205	50/60 Hz	TI5200
200-260	-	-	33.50 _D	-	6968	40 Hz-450 Hz	TI5200 PFC _H
-	187-260	-	-	40 _E	14394	50/60/400 Hz _G	TI5400 _A
100-260	-	20	10	-	2400	50/60 Hz	TI50A _H
200-260	-	-	16.50	-	3432	40 Hz- 450 Hz	TI100 PFC _H
200-260	-	-	33.50 _D	-	6968	40 Hz- 450 Hz	TI200 PFC _H

Notes: E: Requires 60 amp service contact Tesla™ for receptacle information.
F: Requires appropriate line cord for 120 Vac, 240 Vac and 400 Hz operations.
G: 400 Hz is available on GHMD and UAV ACDC models only.
H: Features 0.999% Power Factor.



Tesla™ Industries Micro Power Unit Look-Up Table

MPU	D.C. Output Specifications				Battery Specifications				
	DC Outputs	Output Voltage	Continuous Amps (AC Required)	Watts	Peak Starting Amps	Amp Hrs.	Watt Hours (No AC)	Watt Hours (With AC)	Recharge Time in Minutes
TI59 _A	1	24	-	-	750	11.5	256	-	B
TI60	1	28.50	10	285	750	11.5	256	541	74
TIUH60	1	28.50	10	285	750	11.5	256	541	74
TI206	1	28.50	10	285	1500	23	512	797	143
TI4676	1	28.50	10	285	1500	23	512	797	143
TI47UH1	1	28.50	10	285	1500	23	512	797	143
TI47407	1	28.50	10	285	1500	23	512	797	143
TI58D	1	28.50	10	285	1500	23	512	797	143
TI47UH1-46AH	1	28.50	10	285	3000	46	1024	1309	281
TI5676	1	28.50	10	285	3000	46	1024	1309	281
TI5679	1	28.50	10	285	3000	46	1024	1309	281
TIAH64D	1	28.50	10	285	-	23	512	797	143

Notes: All Tesla™ Micro Power Units require appropriate line cord for 120 VAC or 240 VAC operations. Match the key below with the subscript notations above.

A: No onboard charging system.

B: Dependant on charging system.

C: Has the ability to charge batteries off of aircraft 3 phase 400 Hz power.
(Cannot backcharge off of DC Bus)

A.C. Input Specifications							MPU
VAC Single Phase	VAC Three Phase	A.C. Input Amps			Watts	Line Frequency Hz	
		Single Phase 120 VAC	Single Phase 240 VAC	Three Phase 208 VAC			
-	-	-	-	-	-	-	TI59 _A
100-260	-	5.50	2.75	-	660	45-450	TI60
100-260	-	5.50	2.75	-	660	45-450	TIUH60
100-260	-	5.50	2.75	-	660	45-450	TI206
100-260	-	5.50	2.75	-	660	45-450	TI4676
100-260	-	5.50	2.75	-	660	45-450	TI47UH1
100-260	-	5.50	2.75	-	660	45-450	TI47407
100-260	-	5.50	2.75	-	660	45-450	TI58D
100-260	-	6.40	3.20	-	768	45-450	TI47UH1-46AH
100-260	-	5.50	2.75	-	660	45-450	TI5676
100-260	-	5.50	2.75	-	660	45-450	TI5679
100-260	187-260	6.40	3.20	1.85 _C	768	45-450	TIAH64D

Class IX* Comparison Chart



TI1000 GPU-24
NSN: 6130-01-418-5230



TI2000 GPU-24
NSN: 6130-01-475-5314



TI3000 GPU-24
NSN: 6130-01-440-2712



Peak Starting Amps	1500 Peak Amps	3000 Peak Amps	3000 Peak Amps
Continuous Power @ 28.5 Vdc	25 amp hours	25 amp hours	50 amp hours
Weight	57 lbs (28.85kg)	124 lbs (56.24kg)	127 lbs (57.60kg)

- Safely and easily slave start any size 24 Volt starting system (Wheel, Track, Aviation, UAV, and Power Generators).
- Can serve as a standalone 24/28 Volt power supply to any type of 24 Volt systems (Weapons, Artillery, Signal, and Radar).
- Ideal for providing 24 Vdc to any remote auxiliary system without the need of it's prime mover/power generator.
- Plugged into ac power, will provide a charging voltage of 28.5 Vdc to keep equipment's batteries charged and conditioned.
- Will operate and charge from any 110/220 Vac power source, via voltage selector switch.
- When there is no ac power source available, the units can receive a dc current back-charge from any 24 Volt charging system.
- Non-hazardous, dry cell technology, no MSDS/HAZMAT required, as well as no special shipping and handling restrictions.
- Units come complete with an ac line cord and either a 15 ft. DC NATO Connector or an 8 ft. DC Aviation Connector.
- 5 to 7 year battery service life with a 2 year warranty on the unit.
- All units can be repaired or refurbished at our facility in New Castle, Delaware for a fraction of the cost of a new one.
- All Tesla™ products are backed by a trained military support team and an experienced staff of customer service professionals.

***There are more Class IX products available. This chart represents a comparison of our three basic models.**



Power Anytime, Anywhere

Tesla™ Service and Repairs

In the event that a system must be returned to us for service, we work hard to ensure the quickest possible turnaround time for you. All items repaired/replaced come with a one year warranty.

For all of your service and repair needs, please contact Customer Service.

Email: tesla1@teslaind.com

Phone: (302) 324-8910

Instructions for Sending a Unit for Repair:

Fill out the Repair Request Form on the reverse. If you download the PDF from our website, you may type directly on the electronic PDF form after downloading and saving the file to your computer.

LINK: <http://www.teslaind.com/support-service-repair.php>

Include a completed copy of the form and ship with your unit for repairs.

Important!

Recommendations for shipping units for repair or service:

We recommend that anything over 151 lbs. should be placed in a box secured with padding and then banded to a pallet or skid.

*Remember to include the completed Repair Form and shipping docs.

We recommend that anything 150 lbs. or less should be placed in a box secured with padding.

*Remember to include the completed Repair Form and shipping docs.

If you need more information, please contact our Customer Service at (302) 324-8910.

Tesla™ Industries, Inc.

www.teslaind.com

Email: tesla1@teslaind.com

Headquarters: (302) 324-8910

101 Centerpoint Blvd. New Castle, DE 19720 USA





Power Anytime, Anywhere

Repair Request Form

Please complete the information below to ensure prompt and accurate service on your repair request. Include this form with your unit being returned. Thank you.

Date of Return: _____

Company Name & Address: _____

Billing Address: _____

Contact Person: _____

Email: _____

Phone #: _____

Fax #: _____

Purchase Order #: _____

MODEL NUMBER	SERIAL NUMBER

Ship Method to Tesla: _____

Description of Shipping Package: _____

Description of Problem: _____

Return to: Tesla Industries, Inc.
Attn: **Repair Department**
101 Centerpoint Blvd.,
New Castle, DE 19720

Tesla™ Industries, Inc.

www.teslaind.com

Email: tesla1@teslaind.com

Headquarters: (302) 324-8910

101 Centerpoint Blvd. New Castle, DE 19720 USA



The POWER of RED™

