



# TI1550-12-24-UAV GPU

The TI1550-12-24-UAV GPU has been designed as a stand-alone source of dc power for ground support systems and maintenance operations. Using a single 120 Vac power source, it will provide both 12 Vdc and 24 Vdc. For starting UAV aircraft, the 12 Vdc output can deliver up to 1500 peak amps.

## Power Anytime, Anywhere

### Features:

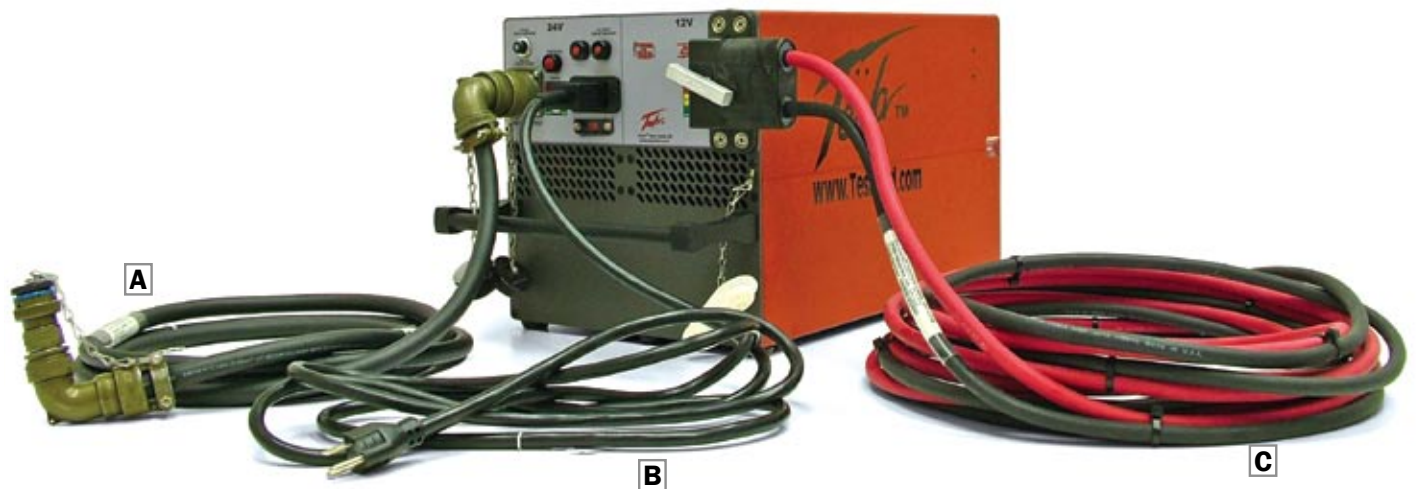
#### 12 VDC Output:

- 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

#### 24 VDC Output:

- 50 peak starting 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

- Safe, easy, maintenance-free design
- Non-hazardous, dry-cell technology
- Dual Capacity Meter/Recharge State Indicators
- Plugs into a standard ac power outlet to recharge cells
- (B) **TI25000-211** North American NEMA AC Line Cord
- (C) **TI2006-304** 16 ft. DC Aircraft Interface Cable, 2 gauge
- (A) **TI2006-305** 10ft. DC Aircraft Interface Cable (also required, sold separately)



Tesla™ Industries, Inc.

[www.teslaind.com](http://www.teslaind.com) ♦ [www.tesla1.com](http://www.tesla1.com)

Email: [tesla1@teslaind.com](mailto:tesla1@teslaind.com)

**Headquarters:** (302) 324-8910

101 Centerpoint Blvd. New Castle, DE 19720

**Western Regional Office:** (775) 622-8801

9475 Double R Blvd. Suite 2, Reno, NV 89521

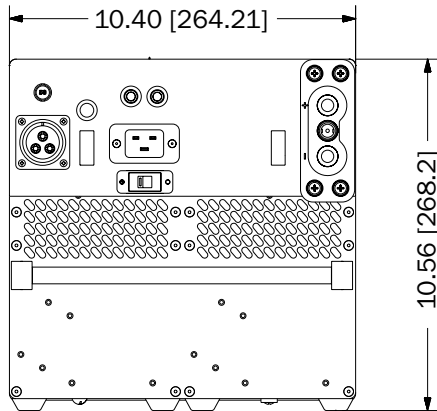


The **POWER**  
of  
**RED**™

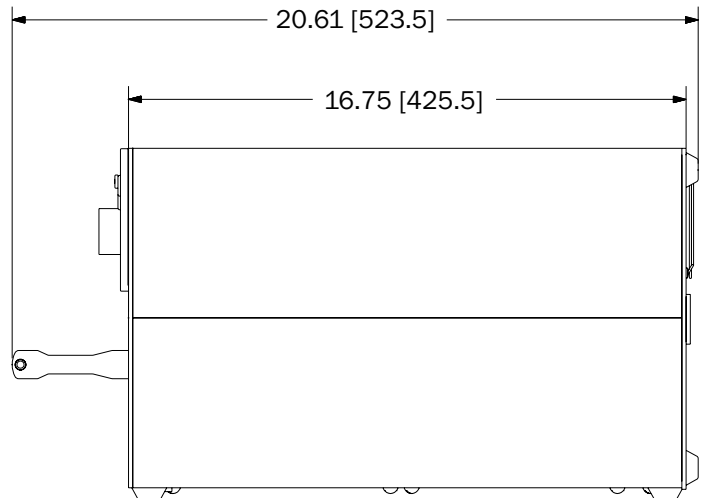


# Dimensions and Technical Specifications

\* All dimensions are in inches [millimeters]



Front View



Side View

## Technical Specifications:

Peak Starting Amps 12 Vdc Output: 24 Vdc Output:	1500 A 50 A
DC Output 12 Vdc Output: 24 Vdc Output:	14.25 Vdc @ 20 continuous amps 28.5 Vdc @ 25 continuous amps
DC Output - Rechargeable 12 Vdc Output: 24 Vdc Output:	23 amp hours (512 watt hours) 23 amp hours (512 watt hours)
Storage Temperature	-65 °C to 105 °C (-85 °F to 221 °F)
Operating Temperature w/o AC Power	-40 °C to 60 °C (-40 °F to 140 °F)
Operating Temperature w/ AC Power	-40 °C to 55 °C (-40 °F to 131 °F)
AC Input	100-260 Vac, 50/60 Hz 14.7 amps @ 120 Vac
Recharging Rate 12 Vdc Output: 24 Vdc Output:	(from full discharge) 74 minutes with 100-260 Vac power 60 minutes with 100-260 Vac power
Weight	89 lbs (40.4 kg)



Recharges with AC Line Cord



"Push to Test" Status Meter Indicators

## Accessories Available:

- TI7000-114 Protective Cover
- TI7000-115 Shipping Case
- TI7000-116 Transport Hand Truck