

# TI47407 MPU

The Tesla™ TI47407 Micro Power Unit is a complete battery system that incorporates patented power cell technology with an intelligent charging system and AC-DC converter. Specifically designed to fit the Bell 407 Helicopter, the TI47407 provides faster, cooler aircraft starts while eliminating the problems normally associated with aviation batteries and battery maintenance. The TI47407 provides more power than comparable NiCd batteries with no risk of thermal runaway. Plus, Tesla™ stands behind the TI47407 with a three-year warranty, a trained military support team, and an experienced staff of customer service professionals.

## Features:

- Rated to 1500 peak starting amps
- Maintenance-free design
- 24.0 VDC @ 23 amp hours rechargeable power
- 28.5 VDC @ 10 amps continuous power for testing and troubleshooting avionics and weapons systems
- 5 to 7-year service life with a 3-year warranty
- Non-hazardous, dry-cell technology
- Built in Capacity Meter/Recharge State Indicator
- Plugs into AC power to recharge cells



Power Anytime, Anywhere

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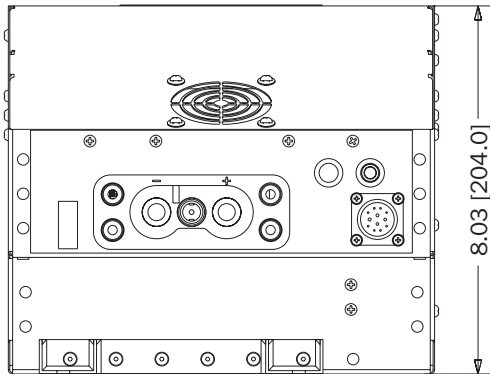


The **POWER**  
of  
**RED**™

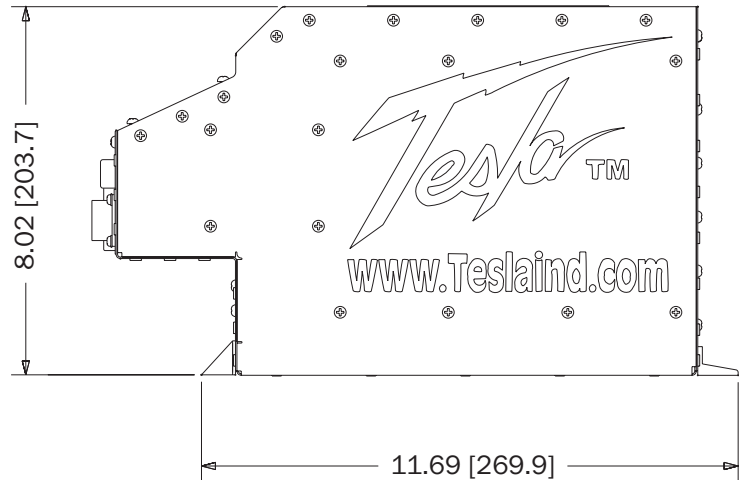


# Dimensions and Technical Specifications

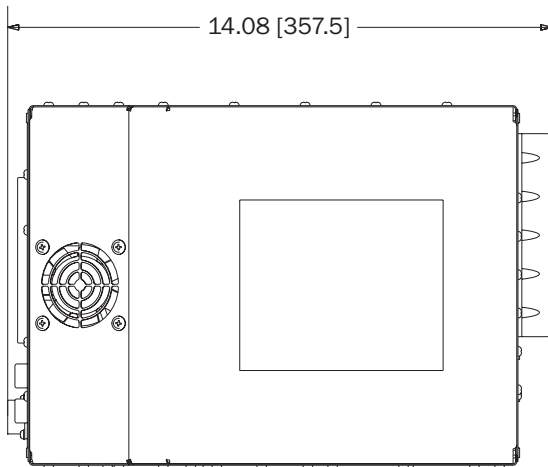
\* All dimensions are in inches [millimeters]



Front View



Side View



Top View

## Technical Specifications:

Peak Starting Amps	1500 A
Storage Temperature	-65 °C to +60 °C (-85 °F to 140 °F)
Operating Temperature	-40 °C to +60 °C (-40 °F to 140 °F)
DC Output - continuous	28.5 VDC @ 10 amps
DC Output - rechargeable	24.0 VDC @ 23 amp hours
AC Input Power	90-130 VAC, 50/60 Hz, 3.2 amps max. 180-260 VAC, 50/60 Hz, 1.6 amps max.
Recharging Rate	2 hours 20 minutes w/AC power
Shock	50 G
Vibration	Exceeds MIL-STD-810F
Weight	52.2 lbs (23.68 kg)
Warranty	3 years