

TI47UH1-46AH MPU-24



Power Anytime, Anywhere

The Tesla™ TI47UH1-46AH Micro Power Unit is a complete battery system that incorporates patented power cell technology with an intelligent charging system and ac-dc converter.

Designed for Cal Fire to be utilized in their UH-1 Huey Helicopters, the TI47UH1-46AH provides faster, cooler aircraft starts while eliminating the problems normally associated with aviation batteries and battery maintenance. The TI47UH1-46AH provides more power than comparable NiCd batteries with no risk of thermal runaway. Plus, Tesla™ stands behind the TI47UH1-46AH with a three-year warranty, a trained support team, and an experienced staff of customer service professionals.

Features:

- Rated to 3000 peak starting amps.
- Maintenance-free design.
- 46 amp hours of rechargeable battery power
- 28.5 Vdc @ 10 amps of continuous power (when plugged into ac power) for testing and troubleshooting avionics.
- 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.
- Back-charges off of dc aircraft bus.



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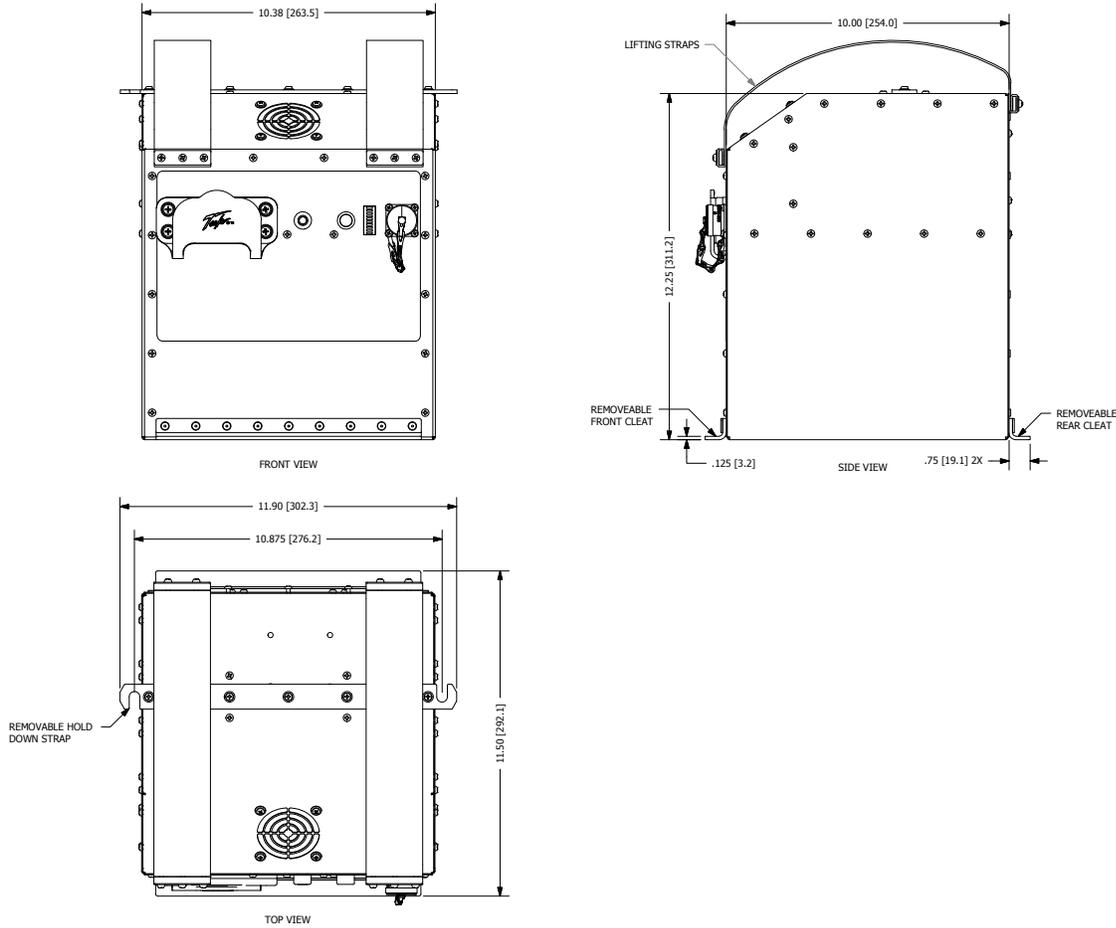


The POWER
Of
RED™



Dimensions and Technical Specifications

* All dimensions are in inches [millimeters]



Technical Specifications:

DC Output	<ul style="list-style-type: none"> • 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	<ul style="list-style-type: none"> • 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
Storage Temperature	• -65 °C to +105 °C (-85 °F to 221 °F)
Operating Temperature with AC	• -40 °C to +55 °C (-40 °F to 131 °F)
Operating Temperature without AC	• -40 °C to +60 °C (-40 °F to 140 °F)
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)
Warranty	• 3 Years