

TI5679 MPU-24



Power Anytime, Anywhere

The Tesla™ TI5679 Micro Power Unit is a complete battery system that incorporates patented power cell technology with an intelligent charging system and ac-dc converter. Currently being flown in the Sikorsky S-61 Helicopter, the TI5679 provides faster, cooler aircraft starts while eliminating the problems normally associated with aviation batteries and battery maintenance. The TI5679 provides more power than comparable NiCd batteries with no risk of thermal runaway. Plus, Tesla™ stands behind the TI5679 with a three-year warranty, a trained support team, and an experienced staff of customer service professionals.

Features:

- Rated to 3000 peak starting amps
- 24.0 Vdc @ 46 amp hours rechargeable power
- 28.5 Vdc @ 10 amps continuous power for testing and troubleshooting avionics
- Built in Capacity Meter/Recharge State Indicator
- 5 to 7 year service life with a 3 year warranty
- North American Universal Line Cord included
- Plugs into ac power to recharge cells
- Non-hazardous, dry-cell technology
- Maintenance-free design
- Back-charges off of dc aircraft bus



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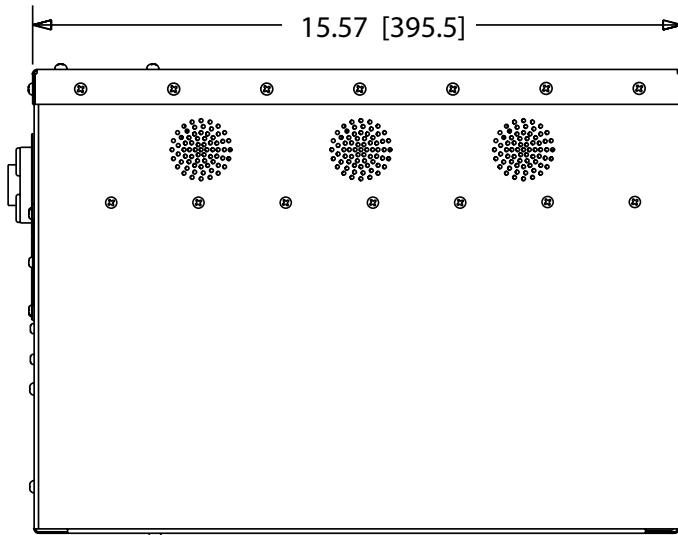


**The POWER
Of RED™**

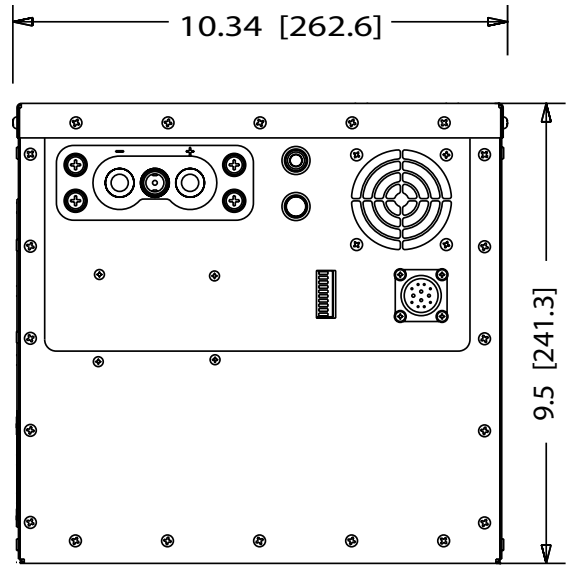


Dimensions and Technical Specifications

* All dimensions are in inches [millimeters]



Side View



Front View



Technical Specifications:

Peak Starting Amps	3000 A
Storage Temperature	-65 °C to +105 °C (-85 °F to 221 °F)
Operating Temperature	-40 °C to +60 °C (-40 °F to 140 °F)
DC Output - Continuous	28.5 Vdc @ 10 amps
DC Output - Rechargeable	46 amp hours (1024 watt hours) without ac power 56 amp hours (1309 watt hours) with ac power
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 @ 25 °C
Shock	50 G
Vibration	Exceeds MIL-STD-810
Weight	97 lbs (44 kg)