

TI3100A DVAM

Digital Volt/Amp Meter



Power Anytime, Anywhere

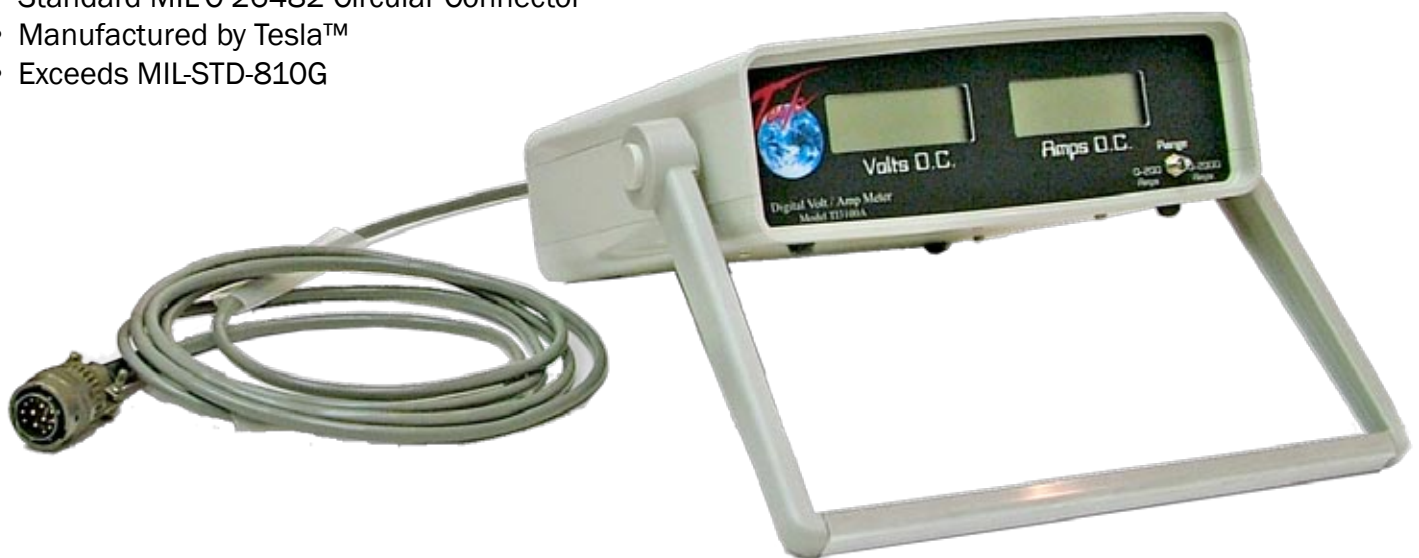
The DVAM 3100A is an excellent way for the end user to measure Direct Current systems with current draws from 0 to 2000 amps. This is the only effective meter for high power troubleshooting. We built this system because there was nothing else available on the market to measure high level currents.

The DVAM 3100A indicates the aircraft or vehicle's current demand. Integrated with a Tesla™ GPU for power, the DVAM is a valuable troubleshooting tool. Never before has it been so easy to isolate faults.

Plug the meter into dc cable's junction box or GPU meter connection and you are ready to go. The left meter indicates dc voltage output and the right meter indicates amperage draw. The meter's range changes from 0-200 amps to 0-2,000 amps with the flip of a switch. The 200 amp setting provides a more detailed reading extending to two decimal places.

Features:

- Maintenance-free design
- 2-year warranty
- Standard MIL-C-26482 Circular Connector
- Manufactured by Tesla™
- Exceeds MIL-STD-810G



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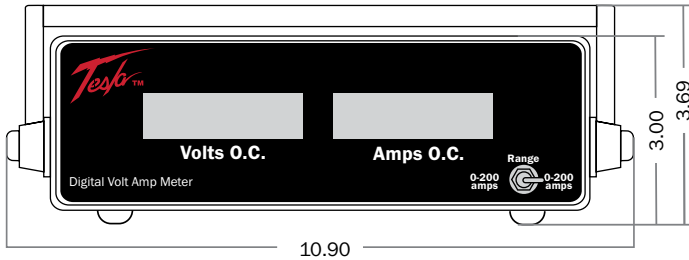


The POWER
Of RED™

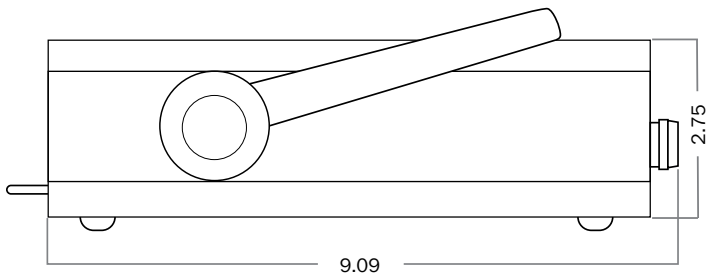


Dimensions and Technical Specifications

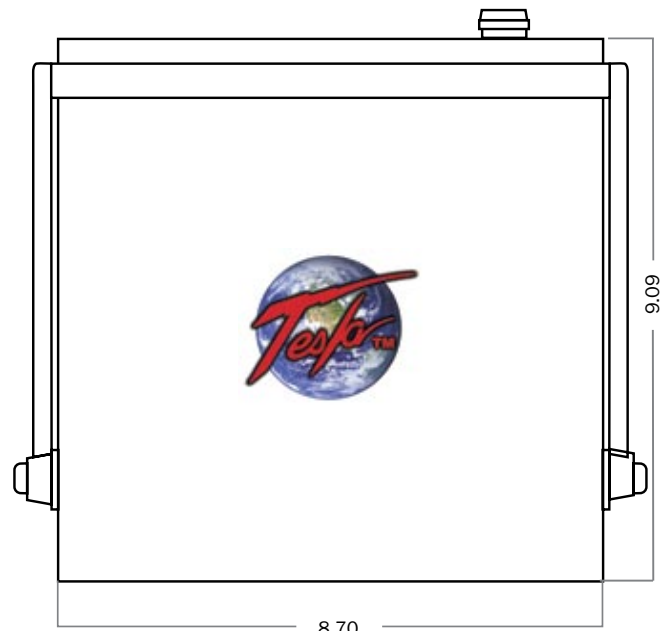
* All dimensions are in inches [millimeters]



Front View



Side View



Top View

Technical Specifications:

Storage Temperature	-65 °C to +80 °C (-85 °F to 176 °F)
Operating Temperature	0 °C to +70 °C (32 °F to 158 °F)
DC Voltage Range	Range: 0.01 Vdc to 199.99 Vdc Resolution: 0.01 Volts Accuracy: ± 0.05% @ 72 °F
DC Current Range (200 amp scale)	Range: 0.01 amps to 199.99 amp Resolution: 0.01 amps Accuracy: ± 0.05% @ 72 °F
DC Current Range (2000 amp scale)	Range: 0.1 amps to 1999.99 amp Resolution: 0.1 amps Accuracy: ± 0.5% @ 72 °F
Display	Dual 4.5 digit LCD Displays
Inputs	Differential inputs
Vibration	Exceeds MIL-STD-810F
Weight	1.6 lbs (0.7 kg)
Warranty	2 years (3 years optional)



*Pictured with TI5400 400Hz GPU-24 UAV ACDC

Optional Accessory:

For units other than the **TI4400** and **TI5400** Series, a **TI3100A-00156** Aviation Cable, or a **TI3100A-00157** NATO Cable will be needed to use the DVAM.

Contact Tesla™ Customer Service (302) 324-8910 for more information on pricing and options.



TI3100A-00156
8' DC Aviation Interface Box
Cable Assembly



TI3100A-00157
8' DC NATO Interface Box
Cable Assembly