

# Workstation Power Supply



The company that listens to the warfighter and delivers.



The **Workstation Power Supply** is a rugged lightweight power supply designed to convert unregulated vehicle 28 VDC power to DC power suitable to run the Warrior Workstation. This power supply is provided in two output variations; one at 15 VDC and the other at 16 VDC. This power supply is designed to support both aircraft and land vehicle applications.

The **Workstation Power Supply** is also compliant to MIL-STD-461E for Army, Navy and Air Force applications as well as Mil-Std 704A.

The **Workstation Power Supply** is provided with Mil-Circular I/O connectors for both power input and output; Power Input is provided through a MS3470W10-6P connector (P1) and Power Output is provided through a MS3470W10-6S connector (J2). The mating connectors are MS3475W10-6S and MS3475W10-6P respectively.

The **Workstation Power Supply** is constructed using a three-piece lightweight aluminum chassis that is fully shielded and designed to operate reliably in severe mobile applications.

# Workstation Power Supply

## Specifications

### FEATURES

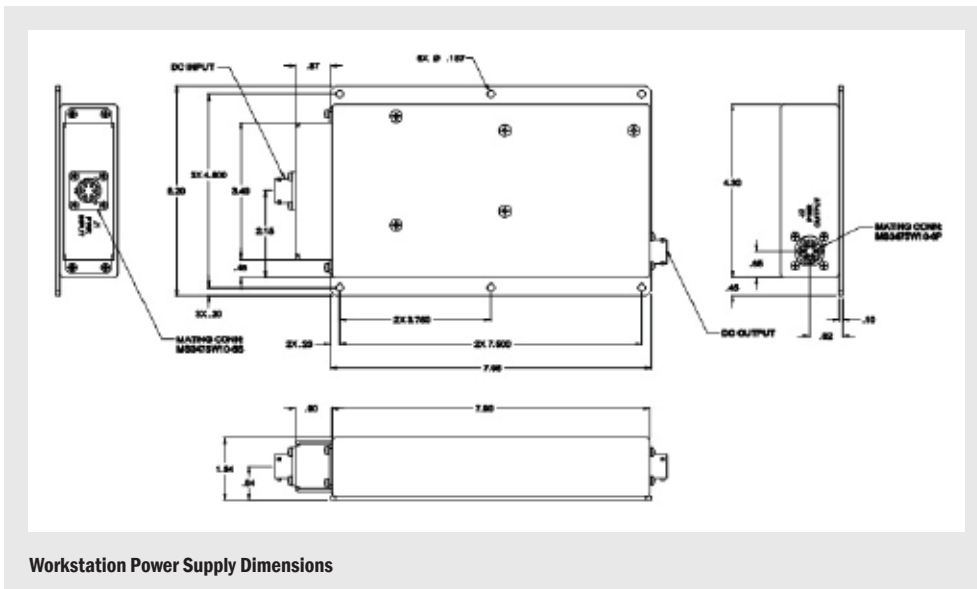
Mechanical	Olive Drab, Alluminum Alloy case
Weight	< 2.0 lbs.
Dimensions	8.80" (Not including Circular Connector Protrusion) X 5.20" X 1.54"
Power	Input Power: +28 VDC, Output Power: 15 VDC (-03 Version), 16 VDC (-06 Version)
Power I/O	Power Output via MS3470W10-6S connector (J2) Power Input via MS3470W10-6P connector (P1)
Optional Features	Provided with mechanical mounting pattern

### ENVIRONMENTAL

Temperature	-40°C to +85°C (operating) -55°C to +85°C (non-operating)
Humidity	95% non-condensing
Altitude	50,000 ft (non-operating)
Shock	15G 11ms, ½ sine wave, 3 axes (operating), 30G 6ms, ½ sine wave, 3 axes (non-operating)
Vibration	2 GRMS 20-500Hz, 3 axes



Workstation Power Supply J1 connector



Workstation Power Supply Dimensions

INPUT CONNECTOR	WIRE SIZE	SIGNAL
P1-PIN-A	22 AWG	Unregulated +28VDC
P1-PIN B	22 AWG	+28VDC Return
Connector Backshell	Shield	Shield/Vehicle Frame

OUTPUT CONNECTOR	WIRE SIZE	SIGNAL
J2 - PIN A	22 AWG	Regulated 15/16 VDC
J2 - PIN B	22 AWG	15/16 VDC Return
Connector Backshell	Shield	Shield/Shield

For more information on our rugged products, please visit:

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