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Custom Capabilities

MIL-PWR 1U Configurable Single Output

The **MIL-PWR Series™** is a 1U Power Supply Providing Up to 4000 Watts in a Single Output.

Cost effective AC to DC, DC to DC rack mount power solutions.

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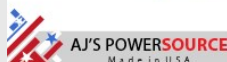


- > Rack Mount Power Supply
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MIL-PWR Series™
Rackmount 1U Single Output Power Supply - Up to 4000 Watts



**CONFIGURABLE
CUSTOMIZABLE
POWER SUPPLIES**

YOU DESIGN IT. WE MAKE IT TO ORDER!

REQUEST A QUOTE



1U COTS Configurable Single Output Rack Mount Power Supply 4000 watts – Designed for Navy Shipboard, ARMY, Marines & Air Force

The **MIL-PWR Series™** is a 1U Power Supply Providing Up to 4000 Watts in a Single Output Designed to Meet MIL-1399 Navy Shipboard, 704, 1275 & 810. Single or Three Phase Options.

The **MIL-PWR Series™** Series family of products provides reliable, cost effective AC to DC, DC to DC rack mount power solutions. The MIL-PWR Series offers a highly reliable standard commercial off the shelf (COTS) solution while providing shortened lead times in a rugged design. The output power levels range from 0-10,000 watts in a 1U-3U standard 19" rack mount configuration. The universal AC input of 90-264VAC can be either single or three phase for your configuration. Standard output options are available with a factory adjustable +/-10% of 3.3V, 5V, 12V, 24V, 28V & 48V (custom output voltages are available). The front to back airflow allows for cooling through the EMI covers and are easily removed and cleaned. The chassis is rated and designed for radiated and conducted EMI emissions. The chassis is designed for MIL-STD-810 shock, vibration, extended temperature & humidity. Pluggable options are available for use with the Backplane Modules (BPM).

Highlights

- 1U (0 to 4000) Watts Rackmount Power Supply
- Universal VAC input voltage range (90-264)
- Wide input Frequency Range (47-440Hz)
- Single or Three Phase options.
- High efficiency up to 90% across all voltages
- Wide Operating/Non-Operating Temperature Range
- Standard 19" rackmount Configurations
- Internal N+1 Redundancy Options
- Overvoltage/Overvoltage protection
- Over temperature protection
- Shortened Lead Times

Model Number Configuration

FORMULA: MIL-PWR-V-W-V-W-V-W-V-W

	Voltage	Wattage
A=	3.3	10
B=	5.0	25
C=	7.5	50
D=	9.0	100
E=	12	150
F=	15	300
G=	24	500
H=	28	1000
I=	36	2000
J=	48	4000



Example #1= Single Output
2000W 12V

Model Number:
MIL-PWR-E-I

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CONTACT US



MIL-STD-810F

Humidity | Altitude | Sand and Dust |
Shock and Vibration | Temperature

MIL-STD-461E

RE101 | RE102 | CE101 | CE102 | CE103

MIL-STD-882D

MIL-STD-1472F


MIL-STD-1474D

MIL-STD-1399-300B Type I

MIL-STD-1275

 Specifications

 Downloads

 Related Products

 Other Resources

Input Voltage – VAC – 85-264, 47-63Hz

Efficiency – 85 % Typical

Hold Up Time – mS >16 mS at 80% Load

Operating Temperature – 0 to 50°C Standard or –
20 to 70°C Available

Storage Temperature – -20 to 70°C all Modules

Load Regulation – 1% Standard

Line Regulation – 1% Standard

Thermal Protection – Standard – Over Temperature
Shut down on each Output

Humidity – 5-95% Non-Condensing

Altitude – 10,000 Ft

OVP % – <150% of Rated Output



AJ's Power Source & Powergrid^M provides: Military Power Supply - Aerospace
Power Supply - Industrial Power Supply - Commercial Power Supply - Telecom
& Data Center Power Supply

We Specialize in: Rack Mount Power Supply - COTS Power Supply - Rugged /
Ruggedized Power Supply - Military Vehicle Power Supply - Military Power
System - AC to DC Power Supplies - DC to DC Power Supply - Uninterrupted
Power Supply - Uninterruptible Power Supply UPS.

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