



EPS-16 PRODUCT SPECIFICATIONS

POWER SOURCE FEATURES:

- Universal AC input / Full range
- Built-in active PFC function
- High efficiency up to 92%
- Forced air cooling by built-in DC fan
- Output voltage programmable
- Active current sharing up to 2000W
- Built-in remote ON-OFF control / remote sense / auxiliary power / DC OK signal / OTP alarm signal
- Protections: Short circuit / Overload / Over voltage / Over temperature
- Optional conformal coating

POWER SOURCE CERTIFICATES:

- Safety: UL/EN/IEC 60950-1
- EMC: EN 55022 / 55024

APPLICATIONS:

- GPON Remote ONT Power
- Distributed Antenna Systems
- L.E.D Lighting
- Security / Access Control

OUTPUT OPTIONS:

- 16 Port 12AWG-24AWG Interface
- 60W & 100W Options
- Optional Integrated 1x16, 2x16 Fiber Optic Splitter

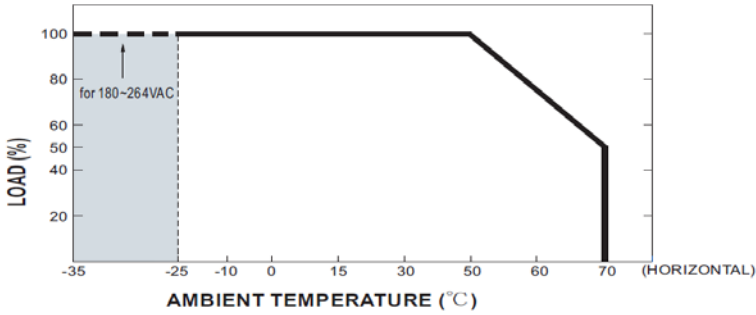
DEMENSIONS:

- 16 PORT MODEL: (1RU) 1.75"H X 16"D X 17"W / 16.2 LBS

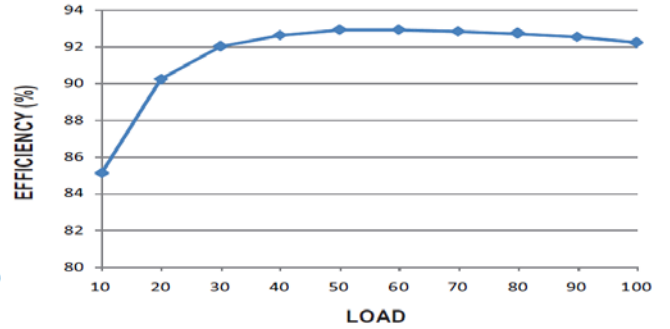
ENVIRONMENT:

- WORKING TEMP: -35 – +70 Degrees C (Refer to “Derating Curve”)
- WORKING HUMIDITY: 20%-90% RH non-condensing
- STORAGE TEMP., HUMIDITY: -40 - +85 Degrees C, 10% - 95% RH
- TEMP. COEFFICIENT: +/- .003% / Degrees C (0-50 Degrees C)
- VIBRATION: 10 – 500Hz, 2G 10min./1cycle, 60min. each along X, Y, Z axes

Derating Curve

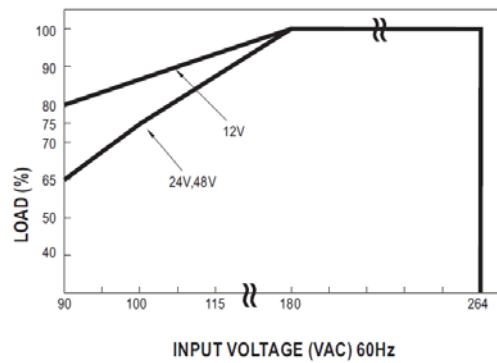


Efficiency vs Load (48V Model)



© The curve above is measured at 230VAC.

Static Characteristics



MODEL NUMBER	50-56 VDC Output	100W Per Output	60W Per Output	Integrated 1x32 Splitter	(1) Standard NEMA 5-15P Plug	(2) Standard NEMA 5-15P Plugs
EPS-RM-1X16-100W-S	✓	✓		✓		✓
EPS-RM-1X16-60W-S	✓		✓	✓	✓	
EPS-RM-16-100W	✓	✓				✓
EPS-RM-16-60W	✓		✓		✓	

Edge Power Solutions Inc.
 1680 N. Hwy A1A / Suite 4
 Satellite Beach, FL. 32937
 321-499-1919
www.edgepowersolutions.net