



EPS-8 PRODUCT SPECIFICATIONS

POWER SOURCE FEATURES:

- Universal AC input / Full range 100VAC-240VAC
- Built-in active PFC function
- High efficiency up to 92%
- Forced air cooling by built-in DC fan
- Output voltage programmable (Standard 56VDC)
- Active current sharing up to 1000W
- 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:

- 8 Port 12AWG-24AWG Interface
- 100W per output
- Optional Integrated 1x8 or 2x8 Fiber Optic Splitter

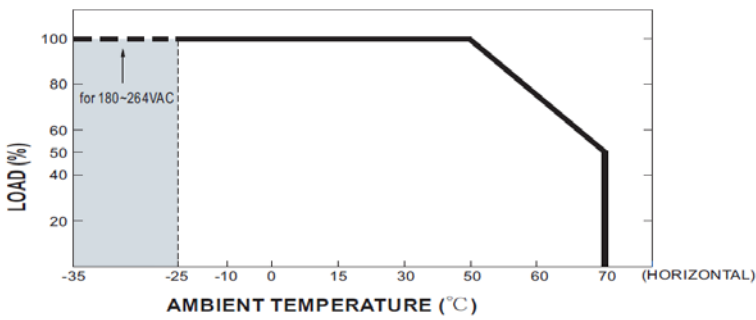
DEMENSIONS:

- 8 PORT MODEL: 14 ¼” H x 12 ½’ W x 5 ¼” D 7.4Lbs

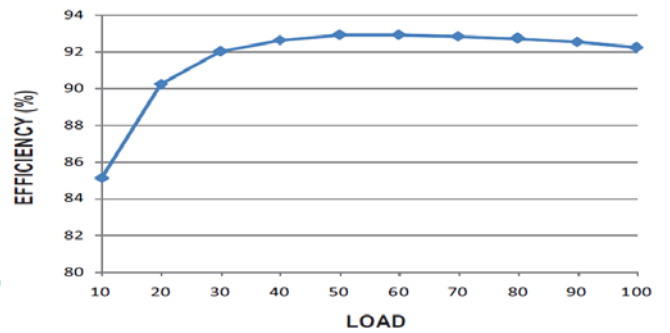
ENVIRONMENT:

- 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

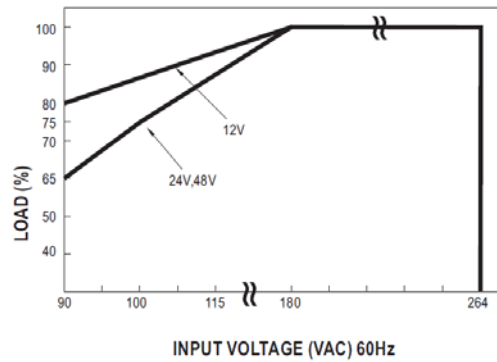


■ Efficiency vs Load (48V Model)



© The curve above is measured at 230VAC.

■ Static Characteristics



MODEL NUMBER	100W PER Output	Integrated 1x8 Splitter	Direct AC Input 100-240	Standard NEMA 5-15P Plug	50-56 VDC Output
EPS-WM-1X8-100W-AC	✓	✓	✓		✓
EPS-WM-1X8-100W-P	✓	✓		✓	✓
EPS-WM-8-100W-AC	✓		✓		✓
EPS-WM-8-100W-P	✓			✓	✓

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