

Power

FlexNet™ ELPM-300

Element Powering - 48Vdc 300W UPS



FlexNet ELPM-300

- › Rugged 300W 48Vdc UPS for outdoor or indoor applications
- › Power modules can be used in a variety of Alpha enclosures
- › Temperature compensated battery charging for extended battery life
- › Visual and electrical indicators for on-site and remote reporting
- › Flexible cabinet mounting options – wall, pole or pedestal mount

FlexNet ELPM-300 is an efficient UPS powering solution for today's distributed communications networks. Designed to provide battery backup power where needed in the field, the FlexNet ELPM-300 can supply power to telephony, fiber-to-the-curb or home (FTTC/H), or other communication equipment requiring 48Vdc to operate. Installed in a pole, wall, or ground mount weather resistant enclosure, the FlexNet ELPM-300 will keep field distributed electronics up and running during power disturbances and outages. The FlexNet products are cost effective solutions that provide dedicated power to optical nodes.



FlexNet ELPM-300 Element Powering - 48Vdc 300W UPS

P/N : 010-322-22 ELPM 300-48 56V Maximum output

Electrical

AC input voltage:.....85 to 170Vac or 132 to 264Vac selectable
AC input frequency:.....50 or 60Hz
Surge protection:IEEE Std C62.41-1991 level C
Output power (max.):300W
Output voltage:.....48Vdc (42 to 54Vdc)
Ripple (DC):500mVrms
Transfer Characteristics:....Uninterrupted output

Performance / Features

Battery:.....4 x 50AH (85GXL) VRLA Gel batteries
(sold separately)
Battery Charging:.....Temperature compensated
Backup Time Approx.:.....8hrs @ 270W load
Reverse Battery Polarity Protection

Mechanical

Dimensions:
mm:.....152H x 256.5W x 82.6D
in:6H x 10.1W x 3.3D
Weight:4.5kg (10lbs)
Mounting:Bracket mounted inside enclosure

Environmental

Operating Temperature: ...-40° to 65°C / -40° to 149°F
Storage Temperature:.....-50° to 70°C / -58° to 158°F
Humidity:.....0 to 95% non-condensing

User Interface

LED Indicators
Green:Output okay
Green blinking:.....Standby
Red blinking:Low/missing battery
Red:.....Replace battery

Alarm Indicators
AC FAIL (TELM 1)
Replace Battery (TELM 2)
Battery Missing (TELM 3)
Battery Low (TELM 4)

Note: Compliant with PacketCable™ UPS specifications
Embedded MTA Primary Line Support specifications

Agency Compliance

FCC part 15 Class B
CSA-NRTL\C (CSA950)