

New Product Release

SURGE PROTECTIVE DEVICES

Bourns Authorized OSP Distributors
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Bourns Releases New Indoor Micro UPS Model MP1218 Series



Bourns is pleased to announce the release of the [Model MP1218-L1](#) Indoor Micro Uninterruptible Power Supply (UPS). The Model MP1218-L1 is designed and primarily intended for use as a DC power supply and battery back-up device for 12 Vdc powered Optical Network Terminals (ONTs). However, the series can be used in any 12 Vdc application where DC power and battery back-up is required. The Micro UPS provides a constant supply of DC power and additionally provides battery back-up power in case of an electrical power outage.

The Bourns® Model MP1218-L1 can accept 50 / 60 Hz AC power inputs from 100 to 240 Vac. The DC power supply provides a nominal DC output of 12 V / 1.5 A (18 watts). During a power failure, the replaceable long life Lithium-Ion battery pack (Model MP18-L1) is capable of providing roughly 4 to 6 hours of back-up at 8 watts.

Output cabling options include a 7-conductor 12 Vdc power and telemetry as well as a 2-conductor barrel type connector for DC power only. The UL Listed Model MP1218-L1 provides the small size and flexibility needed to support today's GPON installations.

A related new product is the [Model MP1218-P](#) Indoor Micro Power Supply. It is designed and intended for 12 Vdc Optical Network Terminals (ONTs) but can be used in any 12 Vdc application where a DC power supply is required such as VoIP, FTTH and video. A model with seven-conductor Vdc and telemetry is also available. The Model MP1218-P is UL Listed.

Features

- Three alarm features
- ONT reset function
- Cold start function
- Alarm silence function
- Surge protection and filtering
- RoHS compliant*

Benefits

- Small size and flexibility
- Replaceable long life Lithium-Ion battery pack
- Reliable power supply and back-up

Applications

- Optical Network Terminals/ Units (ONTs/ONUs)
- Fiber to the Home (FTTH)
- GPON
- Set-top boxes
- Video cameras