The Bourns® Model MP1218-L1 Series Micro Uninterruptible Power Supply (UPS) is designed and primarily intended for use as a DC power supply and battery back-up device for 12 Vdc Optical Network Terminals (ONTs). However, the MP1218-L1 Series can be utilized in any 12 Vdc application where DC power and battery back-up can be utilized. During normal operation, the Micro UPS provides a constant supply of DC power and additionally provides battery back-up power in the case of an electrical power outage.

Specifications are subject to change without notice. The device characteristics and parameters in this data sheet can and do vary in different applications and actual device performance may vary over time. Users should verify actual device performance in their specific applications.
Applications
- Optical Network Terminals (ONTs)
- VoIP
- FTTH
- Video
- Any application requiring 12 Vdc

Output Cabling Options

C2
2-Conductor Output

Contents of Standard MP1218-L1-C2
Micro Power Supply Package:
(1) Power Supply / Charger
(1) Li-ion Battery Pack
(1) A/C Power Cord
(2) Barrel Connectors
(1) User Manual

C7
7-Conductor Vdc and Telemetry Output

Contents of Standard MP1218-L1-C7
Micro Power Supply Package:
(1) Power Supply / Charger
(1) Li-ion Battery Pack
(1) A/C Power Cord
(1) 7-Pin Connector
(1) User Manual

How to Order

Series Designator
MP = Micro Power Supply Series
Output / Wattage Designator
1218 = 12 Vdc Output / 18 Watts
Unit Designator
L1 = Power Supply + Standard Li-ION Battery (4-6 Hours at 8 Watt Draw Rate)
Output Cabling and Telemetry Options
C2 = 2-Conductor Output / No Telemetry
C7 = 7-Conductor Vdc and Telemetry Output

<table>
<thead>
<tr>
<th>Option</th>
<th>Audible Alarm</th>
<th>Visual Alarm</th>
<th>Relay Alarm to ONT</th>
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</thead>
<tbody>
<tr>
<td>C2</td>
<td>Yes</td>
<td>Yes</td>
<td>No</td>
</tr>
<tr>
<td>C7</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
</tr>
</tbody>
</table>

Custom cabling available - please contact Bourns Customer Service.

Replacement Battery = Part No. MP18-L1

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