SmartPro® Shallow-Depth Rackmount UPS Systems

SmartPro Shallow-Depth Rackmount UPS Systems are designed for applications that require shallower mounting depth, higher load capacity and longer battery backup runtime than standard models. They’re ideal for protecting and supporting network/telecom wiring closets, servers, storage and security systems.

- Best-in-class mounting depth, wattage and internal battery capacity
- Runtime is expandable via external battery packs, including matching shallow-depth battery packs
- Advanced automatic voltage regulation protects equipment from voltage fluctuations
- Pure sine wave output promotes maximum equipment performance and stability
- Optional SNMPWEBCARD enables monitoring and control via SNMP, Web or telnet

Smart2200CRMXL shown in 2-post rack with Cisco® Catalyst® network switches

SMART3000CRMXL (3000VA/2880W with 3600VA/3600W hardwire option; 4U; 120V input/output; 17.75 in. depth)  2
SMART2200CRMXL (2200VA/1900W; 4U; 120V input/output; 17.75 in. depth)  3
SMART1500CRMXL (1500VA/1440W; 2U; 120V input/output; 19.5 in. depth)  4
SmartPro Shallow-Depth Rackmount UPS System
Model: SMART3000CRMXL

- Up to 3,600VA/3,600W Capacity
- Increased Internal Battery Capacity
- Automatic AC Bypass
- Advanced Automatic Voltage Regulation
- 120V Pure Sine Wave Output
- Remotely Switchable Outlet Banks

Advantages: High Wattage, Shallow Mounting Depth, Longer Runtime at Comparable Load Levels

Front View

Includes 2-Post Rackmount Kit
Enables mounting in standard 2-post (telecom) racks. For 4-post rackmount applications, order one 4POSTRAILKIT mounting kit per UPS or battery pack.

Equals or Surpasses APC Models in Key Areas

<table>
<thead>
<tr>
<th>Model</th>
<th>Output Capacity</th>
<th>Internal Battery Capacity</th>
<th>Mounting Depth</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tripp Lite SMART3000CRMXL</td>
<td>3,600W*</td>
<td>846 WH</td>
<td>17.75 in.</td>
</tr>
<tr>
<td>APC SUA3000RM2U</td>
<td>2,700W</td>
<td>480 WH</td>
<td>26 in.</td>
</tr>
<tr>
<td>APC SUA3000RMXL3U</td>
<td>2,700W</td>
<td>864 WH</td>
<td>26 in.</td>
</tr>
<tr>
<td>APC SUM3000RMXL2U</td>
<td>2,850W</td>
<td>480 WH</td>
<td>26.7 in.</td>
</tr>
</tbody>
</table>

* Hardware option

Optional Accessories

External Battery Packs

Battery packs extend runtime for mission-critical systems.

- Model BP48V48RT4U has a shallow mounting depth, making it ideal for SMART3000CRMXL. Multiple units can be daisy-chained for additional expansion.
- Model BP48V60RT-3U requires less vertical rack space, but it has a longer mounting depth. Multiple units can be daisy-chained for additional expansion.
- Model BP48V24-2U is only 2U high and has a shallow mounting depth, but it has less battery capacity and cannot be daisy-chained.

Note: BP48V48RT4U includes 2-post rackmount hardware. For 4-post rackmount applications, order one 4POSTRAILKIT per battery pack. BP48V60RT-3U and BP48V24-2U include 4-post rackmount hardware. For 2-post rackmount applications, order one 2POSTRAILKITWM per battery pack.

4-Post Rackmount Kit (Model: 4POSTRAILKIT)
Enables 4-post rackmount installation for compatible rackmount UPS systems and battery packs. Order one kit per UPS system or battery pack.

Internal SNMP/Web Card (Model: SNMPWEBCARD)

Allows users to operate the UPS as a managed device on a network. Enables remote monitoring, shutdown, reboot and more using SNMP network management system, Web browser or telnet.

Tripp Lite World Headquarters: 1111 W. 35th Street, Chicago, IL 60609 USA, 773.869.1234, www.tripplite.com
SmartPro Shallow-Depth Rackmount UPS System
Model: SMART2200CRMXL

- 2,200VA / 1,900W Capacity
- Increased Internal Battery Capacity
- Automatic AC Bypass
- Advanced Automatic Voltage Regulation
- 120V Pure Sine Wave Output
- Remotely Switchable Outlet Banks

Advantages: High Wattage, Shallow Mounting Depth, Longer Runtime at Comparable Load Levels

Includes 2-Post Rackmount Kit
Enables mounting in standard 2-post (telecom) racks. For 4-post rackmount applications, order one 4POSTRAILKIT mounting kit per UPS or battery pack.

Equals or Surpasses APC Models in Key Areas

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<tr>
<th>Model</th>
<th>Output Capacity</th>
<th>Internal Battery Capacity</th>
<th>Mounting Depth</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tripp Lite SMART2200CRMXL</td>
<td>1,900W</td>
<td>864 WH</td>
<td>17.75 in.</td>
</tr>
<tr>
<td>APC SUA2200RM2U</td>
<td>1,980W</td>
<td>480 WH</td>
<td>26 in.</td>
</tr>
<tr>
<td>APC SUA2200RMXL3U</td>
<td>1,850W</td>
<td>864 WH</td>
<td>26 in.</td>
</tr>
</tbody>
</table>

Optional Accessories

External Battery Packs

Battery packs extend runtime for mission-critical systems.
- Model BP48V48RT4U has a shallow mounting depth, making it ideal for SMART2200CRMXL. Multiple units can be daisy-chained for additional expansion.
- Model BP48V60RT-3U requires less vertical rack space, but it has a longer mounting depth. Multiple units can be daisy-chained for additional expansion.
- Model BP48V24-2U is only 2U high and has a shallow mounting depth, but it has less battery capacity and cannot be daisy-chained.

Note: BP48V48RT4U includes 2-post rackmount hardware. For 4-post rackmount applications, order one 4POSTRAILKIT per battery pack. BP48V60RT-3U and BP48V24-2U include 4-post rackmount hardware. For 2-post rackmount applications, order one 2POSTRMKITWM per battery pack.

4-Post Rackmount Kit (Model: 4POSTRAILKIT)
Enables 4-post rackmount installation for compatible rackmount UPS systems and battery packs. Order one kit per UPS system or battery pack.

Internal SNMP/Web Card (Model: SNMPWEBCARD)
Allows users to operate the UPS as a managed device on a network. Enables remote monitoring, shutdown, reboot and more using SNMP network management system, Web browser or telnet.

Remove the accessory slot cover B to insert internal SNMPWEBCARD.

Specifications

<table>
<thead>
<tr>
<th>Output Capacity (VA/Watts)</th>
<th>2,200VA/1,900W</th>
</tr>
</thead>
<tbody>
<tr>
<td>Input/Output Voltage &amp; Frequency (Nominal)</td>
<td>120V AC, 60 Hz</td>
</tr>
<tr>
<td>AC Outlet Quantity (Type)</td>
<td>4-5-15R, 4-5-15R</td>
</tr>
<tr>
<td>Remotely Switchable Outlets</td>
<td>3 banks of 1</td>
</tr>
<tr>
<td>Input Plug (Type)</td>
<td>5-20P with 10 ft. cord</td>
</tr>
<tr>
<td>Runtime, Half/Full Load (Typical)</td>
<td>28 min./11 min.</td>
</tr>
</tbody>
</table>

Total Rack Space: 4U

Communication Ports:
- 1 RS-232 (DB9)
- 1 USB
- 1 EPO

Unit Dimensions (H x W x D, Weight): 17.25 x 17.75 in., 100 lb.

Estimated Runtime (Minutes)*

<table>
<thead>
<tr>
<th>Load (Watts)</th>
<th>200W</th>
<th>400W</th>
<th>600W</th>
<th>800W</th>
<th>1,000W</th>
<th>1,200W</th>
<th>1,400W</th>
<th>1,600W</th>
<th>1,800W</th>
</tr>
</thead>
<tbody>
<tr>
<td>Internal Batteries</td>
<td>177</td>
<td>82</td>
<td>51</td>
<td>36</td>
<td>27</td>
<td>21</td>
<td>17</td>
<td>14</td>
<td>12</td>
</tr>
<tr>
<td>+1 BP48V48RT4U</td>
<td>788</td>
<td>400</td>
<td>260</td>
<td>190</td>
<td>146</td>
<td>116</td>
<td>95</td>
<td>80</td>
<td>69</td>
</tr>
<tr>
<td>+2 BP48V48RT4U</td>
<td>1,271</td>
<td>562</td>
<td>349</td>
<td>234</td>
<td>193</td>
<td>153</td>
<td>122</td>
<td>100</td>
<td>84</td>
</tr>
<tr>
<td>+3 BP48V48RT4U</td>
<td>1,738</td>
<td>922</td>
<td>618</td>
<td>459</td>
<td>361</td>
<td>291</td>
<td>242</td>
<td>206</td>
<td>179</td>
</tr>
</tbody>
</table>

* Runtime varies with load, battery condition and other factors.
SmartPro Shallow-Depth Rackmount UPS System
Model: SMART1500CRMXL

- 1,500VA / 1,440W Capacity in Only 2U
- 120V Pure Sine Wave Output
- Advanced Automatic Voltage Regulation
- Remotely Switchable Outlet Banks

Advantages: High Wattage, Shallow Mounting Depth

Front View

Rear View

2U All-in-One: Power and Battery

Includes 4-Post Rackmount Kit
Enables mounting in standard 4-post racks and rack enclosures. For 2-post (telecom) rackmount applications, order one 2POSTRMKITWM mounting kit per UPS or battery pack.

Equals or Surpasses APC Models in Key Areas

<table>
<thead>
<tr>
<th>Model</th>
<th>Output Capacity</th>
<th>Mounting Depth</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tripp Lite SMART1500CRMXL</td>
<td>1,440W</td>
<td>19.5 in.</td>
</tr>
<tr>
<td>APC SUM1500RMXL2U</td>
<td>1,424W</td>
<td>26.7 in.</td>
</tr>
</tbody>
</table>

Optional Accessories

External Battery Packs
Battery packs extend runtime for mission-critical systems.
- Model BP48V48RT-4U has a shallow mounting depth. Multiple units can be daisy-chained for additional expansion.
- Model BP48V60RT-3U requires less vertical rack space, but it has a longer mounting depth. Multiple units can be daisy-chained for additional expansion.
- Model BP48V24-2U is only 2U high and has a shallow mounting depth, but it has less battery capacity and cannot be daisy-chained.

Note: BP48V48RTF4U includes 2-post rackmount hardware. For 4-post rackmount applications, order one 4POSTRAILKIT per battery pack. BP48V60RT-3U and BP48V24-2U include 4-post rackmount hardware. For 2-post rackmount applications, order one 2POSTRMKITWM per battery pack.

2-Post Rackmount Kit (Model: 2POSTRMKITWM)
Enables 2-post rackmount installation for compatible rackmount UPS systems and battery packs. Order one kit per UPS system or battery pack.

Internal SNMP/Web Card (Model: SNMPWEBCARD)
Allows users to operate the UPS as a managed device on a network. Enables remote monitoring, shutdown, reboot and more using SNMP network management system, Web browser or telnet.

Specifications

- Output Capacity (Va/Watts): 1,440W
- Input/Output Voltage & Frequency (Nominal): 120V AC, 60 Hz.
- AC Outlet Quantity (Type): 8 (5-15R)
- Remotely Switchable Outlets: 3 banks of 1
- Input Plug (Type): 5-15P with 10 ft. cord
- Runtime, Half/Full Load (Typical): 14 min./6 min.
- Total Rack Space: 2U
- Communication Ports: 1 RS-232 (DB9), 1 USB, 1 EPO
- Unit Dimensions (H x W x D, Weight): 3.5 x 17.25 x 19.5 in., 60 lb.

Estimated Runtime (Minutes)*

<table>
<thead>
<tr>
<th>Model</th>
<th>200W</th>
<th>400W</th>
<th>600W</th>
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<th>1,000W</th>
<th>1,200W</th>
<th>1,400W</th>
</tr>
</thead>
<tbody>
<tr>
<td>Internal Batteries</td>
<td>69</td>
<td>30</td>
<td>18</td>
<td>12</td>
<td>10</td>
<td>7.9</td>
<td>6.5</td>
</tr>
<tr>
<td>+1 BP48V24-2U</td>
<td>299</td>
<td>141</td>
<td>88</td>
<td>61</td>
<td>46</td>
<td>36</td>
<td>29</td>
</tr>
</tbody>
</table>

* Runtime varies with load, battery condition and other factors.

AC Input Connection: Insert 5-15P plug into compatible outlet.

External Battery Pack* Connector (Enables Extended Runtime Capability)
SNMP/Web Accessory Card Slot for Remote Monitoring, Reboot and Shutdown**
Input Breaker
Charge Rate Switch
Emergency Power Off (EPO) Connector
HID-Compliant USB and RS-232 Serial (DB9) Communication Ports***

* Model BP48V48RT-4U, BP48V60RT-3U or BP48V24-2U available separately from Tripp Lite.
** For use with internal accessory card model SNMPWEBCARD available separately from Tripp Lite.
*** PowerAlert Software CD-ROM and cabling included.

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