Symmetra PX
Battery Enclosure

10-80 kW
208 V

Receiving, Unpacking, and Moving to Site
Symmetra® PX 10-80 kW Battery Enclosure

Receiving, Unpacking, and Moving to Site

![Diagram of Symmetra PX Battery Enclosure]

Note: If any shipping damage has been detected, contact APC (see Technical Support Numbers)
Contents

Safety .......................................................... 1
  SAVE THESE INSTRUCTIONS .......................... 1
  Symbols used in this guide ............................. 1
  ON, OFF & STAND-BY Switch Positions ............. 2
  Battery Safety ............................................. 2

Battery Enclosure and Module .............................. 3
  Weights and Dimensions ................................ 3

Receiving, Unpacking & Moving to Site ..................... 4
  Receiving Enclosure & Modules/Removal of Plastic &
  Corner Protection .................................... 4
  Moving to Installation Site ............................ 4
  Removing from Pallet .................................. 6

Operating Environment .................................... 8
  Operating Space ...................................... 8
  Technical Support .................................... 9
IMPORTANT SAFETY INSTRUCTIONS

SAVE THESE INSTRUCTIONS

This guide contains important instructions for the Symmetra PX that should be followed when handling the UPS, Battery Enclosures, and Batteries.

Symbols used in this guide

**Warning!**
Risk of Electric Shock.

![Warning Icon]

**Caution!**
Read this information.

![Caution Icon]

**Note**
Indicates important information.

![Note Icon]

**Heavy**
Indicates a heavy load that should not be lifted without assistance.

![Heavy Icon]

**Indicates that more information is available on this subject in a different section of this manual.**

![Book Icon]

**Indicates that more information is available on the same subject in a different manual.**

![Book Icon]

**ON, OFF & STAND-BY Switch Positions**

- Indicates that a switch or current protection device is in the ON position.
- Indicates the OFF position for a switch or a breaker
- Indicates that a switch is in the STAND-BY position
Battery Safety

⚠️ Warning!

- Remove all conductive jewelry such as chains, watches, and rings before handling the Battery Units.
- Battery Units do not contain serviceable parts. Do not open.
- Do not dispose of batteries in a fire, as they may explode. Do not mutilate batteries, as released electrolyte is harmful to the skin and eyes, and may be toxic.
Battery Enclosure and Module

Weights and Dimensions

Empty Enclosure
455 lb / 206 kg

Battery Module
(4 battery units)
4 x 50 lb / 4 x 23 kg

82 in. / 2080 mm
36 in. / 915 mm
24 in. / 610 mm
4.3 in. / 110 mm
27.5 in. / 700 mm

Warning!
Do not touch rear uninsulated Battery Unit connector.

6.3 in. / 160 mm
Receiving, Unpacking & Moving to Site

Receiving Enclosure & Modules/Removal of Plastic & Corner Protection

Note

Inspect shipment and verify that labeled boxes match purchase order.

Note

If any damage has been detected, contact Customer Support at 877-537-0607. See Technical Support for Customer Support Numbers in Europe.

Moving to Installation Site

Note

If Enclosure height exceeds doorway height, remove from pallet and wheel through door (See Removing from Pallet).
Doorway Clearance
(for Enclosure on pallet)

>89” / 2260 mm

>41.5” / 1200 mm
Removing from Pallet

1. Remove cardboard cover and bag.

Use open-end 13/14-mm wrench (shipped with unit) for the removal of shipping brackets and adjustment of stabilizing feet.

2. Place ramp as shown, aligning strips on ramp with strip on front edge of pallet.

3. Remove 13-mm hex bolts (4 brackets).
Two people to roll battery enclosure from pallet

Doorway Clearance for Enclosure

Center of gravity (enclosure empty)

Center of gravity (enclosure empty)

>82 in. / 2080 mm

>24 in. / 610 mm
Operating Environment

Operating Space

Warning!
The Battery Enclosure is heavy (2120 lb./962 kg) in maximum configuration. Ensure that the floor and sub-floor can support the total weight of the configuration when concentrated on the stabilizing feet.

Proceed to the Symmetra PX Battery Enclosure Installation Manual. If you have purchased any options, refer to applicable guides.

Install the UPS in an Indoor, Controlled Environment

<table>
<thead>
<tr>
<th>Temperature Range: 32°-104°F / 0°-40°C</th>
<th>Keep Ventilated Front-to-Rear Airflow</th>
<th>Relative Humidity: &lt;95% Non-condensing</th>
<th>No Conductive Dust or Corrosive Fumes</th>
<th>Max. Elevation: 0-10,000 ft. / 0-3,000 m</th>
</tr>
</thead>
</table>

Full Load Loss at Nominal Mains: 23,743 BTU/hr (6,957 Watts)
## Technical Support

<table>
<thead>
<tr>
<th>Country</th>
<th>Tech Support</th>
<th>Country</th>
<th>Tech Support</th>
</tr>
</thead>
<tbody>
<tr>
<td>Austria</td>
<td>0800 296480</td>
<td>Norway</td>
<td>800 11632</td>
</tr>
<tr>
<td>Belgium</td>
<td>0800 15063</td>
<td>Poland</td>
<td>0801 345917</td>
</tr>
<tr>
<td>Czech Republic</td>
<td>0800 102063</td>
<td>Portugal</td>
<td>800 853182</td>
</tr>
<tr>
<td>Denmark</td>
<td>800 18153</td>
<td>Russia</td>
<td>095 9167166</td>
</tr>
<tr>
<td>Finland</td>
<td>9800 13374</td>
<td>South Africa</td>
<td>011 4652583</td>
</tr>
<tr>
<td>France</td>
<td>0800 906483</td>
<td>Spain</td>
<td>900 953533</td>
</tr>
<tr>
<td>Germany</td>
<td>0800 1801227</td>
<td>Sweden</td>
<td>020 795419</td>
</tr>
<tr>
<td>Greece</td>
<td>00800 35312206</td>
<td>Switzerland</td>
<td>080055 6177</td>
</tr>
<tr>
<td>Hungary</td>
<td>0640 200262</td>
<td>USA &amp; North America</td>
<td>877-537-0607</td>
</tr>
<tr>
<td>Ireland</td>
<td>1800 702000</td>
<td>Other Countries</td>
<td>353 91 702055</td>
</tr>
<tr>
<td>Israel</td>
<td>1800 9452206</td>
<td>Fax</td>
<td>353 91 755275</td>
</tr>
<tr>
<td>Italy</td>
<td>800 874731</td>
<td>eSupport</td>
<td><a href="http://esupport.apcc.com">http://esupport.apcc.com</a></td>
</tr>
<tr>
<td>Luxemburg</td>
<td>0800 2091</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Netherlands</td>
<td>0800 022 4655</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
APC Worldwide Customer Support

Customer support for this or any other APC product is available at no charge in any of the following ways:

- Visit the APC Web site to find answers to frequently asked questions (FAQs), to access documents in the APC Knowledge Base, and to submit customer support requests.
  - www.apc.com (Corporate Headquarters)
    Connect to localized APC Web sites for specific countries, each of which provides customer support information.
  - www.apc.com/support/
    Global support with FAQs, knowledge base, and e-support.
- Contact an APC Customer Support center by telephone or e-mail.
  - Regional centers:
    | Region                          | Phone Number                      |
    |--------------------------------|-----------------------------------|
    | APC headquarters U.S., Canada   | 877-537-0607 (toll free)         |
    | Latin America                   | (1) (401) 789-5735 (USA)         |
    | Europe, Middle East, Africa     | (353) (91) 702020 (Ireland)      |
    | Japan                           | (0) 3 5434-2021                  |
  - Local, country-specific centers: go to www.apc.com/support/contact for contact information.

Contact the APC representative or other distributor from whom you purchased your APC product for information on how to obtain local customer support.

Entire contents copyright © 2003 American Power Conversion. All rights reserved. Reproduction in whole or in part without permission is prohibited. APC, the APC logo, Symmetra, and InfraStruXure are trademarks of American Power Conversion Corporation and may be registered in some jurisdictions. All other trademarks, product names, and corporate names are the property of their respective owners and are used for informational purposes only.