EX RT CLA Charger Module
Quick Start

Standard Features

- EX RT CLA Charger Module is a long back-up charger to be used with a power module and external power battery cabinet.
CLA Charger Module (long backup time charger)

(Part number 86004)
Extended back-up time (up to 8 hours at full load) requires a high power battery cabinet connected to the EX 5/7/11 RT via the CLA Charger Module.

**IMPORTANT** The CLA Charger Module can not be used to charge the battery module (EXB). It is designed to charge the customer provided high power battery cabinet.

*Battery backup time chart.*

<table>
<thead>
<tr>
<th>Battery Backup Time</th>
<th>EX RT 5</th>
<th>EX RT 7</th>
<th>EX RT 11</th>
</tr>
</thead>
<tbody>
<tr>
<td>2 hours</td>
<td>50 Ah</td>
<td>65 Ah</td>
<td>100 Ah</td>
</tr>
<tr>
<td>4 hours</td>
<td>100 Ah</td>
<td>130 Ah</td>
<td>200 Ah</td>
</tr>
<tr>
<td>8 hours</td>
<td>200 Ah</td>
<td>260 Ah</td>
<td>400 Ah</td>
</tr>
</tbody>
</table>

Total battery voltage: 240 V DC.
The battery capacity must be set within the UPS (5 Ah increment, see UPS Personalization section 3.2.).

**STEP 1 EX RT CLA Charger Module Unpacking and Parts Check**

**CLA Module Box Contents**
- CLA Module Quick Start
- Warranty and Product Registration
- Tower Stand Extenders
- Stabilizer Bracket (4 screws included)
- CLA Rail Kit
- Battery Power Cable
- Battery Detection Cable
STEP 2  EX RT CLA Charger Module Tower Configurations

Follow the numerical sequence to assemble the footer supports as shown.
STEP 3 EX RT CLA Charger Module Rack Configuration

A. Prepare the front panel logo and LCD display for rack orientation, Apply to all modules. Power Module shown.

Stack-up sequence in Rack configuration

1. EX RT CLA MODULE (Top, EX RT 5/7/11)
2. POWER MODULE (bottom, EX RT 5/7/11)

FINISHED PANEL (rack orientation)

B. Rack Installation

1. Attach both front mounting ear brackets to module with supplied screws. (For this step, it is possible to adjust the position of both front mounting brackets.)
2. Attach rear support brackets to module. These brackets prevent the module from sliding out of the rack.
3. Attach rails together and secure with wing nuts, and finger tighten. (Both sides).
4. Attach both rails to rear and front of rack with supplied flathead screws (as shown).
5. Use caution when sliding unit into rack. Temporarily secure unit to rack with thumb screws on front mounting brackets.
6. Secure rear support brackets to rails.
STEP 4  EX RT CLA Charger Module Connections

System Connections with Battery Cabinet

Connection Diagram (inside CLA Module)

- DC Input cable cross-section (not provided): 6–10 AWG solid or stranded wire.
- Connect the AC input cable of the CLA charger module to the utility AC input:
- AC Input cable cross-section (not provided): 14–16 AWG solid or stranded wire.

See EX RT 5/7/11 System Installation and User Manual for initial start-up procedures.