

Description

Power Charging Systems allow emergency phone towers to be powered from a switched power supply.

PCS-42-6 Components

- 6 Amp battery charger
- Single deep cycle battery
- Hardware and wiring

PCS-84-10 Components

- 10 Amp battery charger
- Two deep cycle batteries
- Hardware and wiring

Features

- System will operate for 23.5 hours in standby and 0.5 hours in active operation
- A minimum charge time of 14 hours per day is required in winter and 8 hours per day in summer
- System must not drop below -22°F in peak of winter or 50°F in peak of summer
- Systems are designed to be connected to a power grid that is switched on at night year-round



*PCS-84-10 shown with
PCS-SD-277-350 in ETP-MTE*

Specifications

| Batteries | Part No. | PCS-42-6 | PCS-84-10 |
|-----------|------------------------|--|--------------------------------------|
| | Number of batteries | 1 | 2 |
| | Dimensions (L x W x H) | 7.7(196) x 5.2(132) x 8.1(204) in(mm) each | |
| | Weight | 26 lbs. (11.8 kg) | 52 lbs. (23.6 kg) |
| | Capacity | 42 Amp-Hours | 84 Amp-Hours |
| Charger | Dimensions (L x W x H) | 6.4(163) x 3.5(89) x 2.3(58) in(mm) | 7.8(198) x 5.5(140) x 2.4(61) in(mm) |
| | Weight | 2 lbs. (0.9 kg) | 6 lbs. (2.7 kg) |
| | Charger capacity | 6A | 10A |

| Optional Step-down transformer | Part No. | PCS-SD-277-250 | PCS-SD-480-250 | PCS-SD-277-350 | PCS-SD-480-350 |
|--------------------------------|------------------------|---------------------------------------|--------------------------------------|---------------------------------------|---------------------------------------|
| | Input voltage | 308VAC, 277VAC or 208VAC | 480VAC or 240VAC | 308VAC, 277VAC or 208VAC | 480VAC or 240VAC |
| | VA rating | 250VA | | 350VA | |
| | Dimensions (L x W x H) | 4.5(114) x 4.4(113) x 4.9(124) in(mm) | 4.5(114) x 3.8(97) x 5.4(138) in(mm) | 4.5(114) x 4.4(113) x 5.6(142) in(mm) | 4.5(114) x 4.4(113) x 5.6(142) in(mm) |
| | Weight | 9 lbs. (4.1 kg) | 8 lbs. (3.6 kg) | 12 lbs. (5.4 kg) | 11 lbs. (5.0 kg) |

| Enclosure | Part No. | PCS-BOX-161610P* | PCS-BOX-181818P | PCS-BOX-182525P | PCS-BOX-172724T | PCS-BOX-164824T |
|-----------|------------------------|------------------------------------|------------------------------------|------------------------------------|------------------------------------|-------------------------------------|
| | Dimensions (L x W x H) | 16(406) x 16(406) x 10(254) in(mm) | 18(457) x 18(457) x 18(457) in(mm) | 18(457) x 25(635) x 25(635) in(mm) | 17(432) x 27(686) x 24(610) in(mm) | 16(406) x 48(1219) x 24(610) in(mm) |
| | Weight | 29 lbs. (13 kg) | 40 lbs. (18 kg) | 45 lbs. (20.4 kg) | 45 lbs. (20.4 kg) | 70 lbs. (31.8 kg) |
| | Material | Aluminum | | | | |
| | Mount type | Pole Mount | | | Trunk Mount | |

*PCS-BOX-161610P can only house PCS-42-6 Power Charging System components.