

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.