

**Power Charging System (PCS)
for Switched Power Applications**

Description

Power Charging Systems allow blue light call station towers to be powered from a switched power supply (e.g., surface parking lot switched power).

PCS-42-6 Components

- 6A battery charger
- One (1) 42Ah deep cycle AGM battery
- Hardware and wiring

PCS-84-10 Components

- 10A battery charger
- Two (2) 42Ah deep cycle AGM batteries (total capacity of 84Ah)
- 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 and housed in
ETP-MTE Tower Mount*

CALL STATION ACCESSORIES

Power Charging System (PCS) for Switched Power Applications

Specifications

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

Optional Step-down Transformer	Model 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 x 4.4 x 4.9 in. (114 x 113 x 124 mm)	4.5 x 3.8 x 5.4 in. (114 x 97 x 138 mm)	4.5 x 4.4 x 5.6 in. (114 x 113 x 142 mm)	
	Weight	9 lbs. (4.1 kg)	8 lbs. (3.6 kg)	12 lbs. (5.4 kg)	11 lbs. (5.0 kg)

Enclosure	Model No.	PCS-BOX-161610P*	PCS-BOX-181818P	PCS-BOX-164824T
	Compatibility	PCS-42-6	PCS-84-10	SLR-240-168-ENC
	Dimensions (L x W x H)	16 x 16 x 10 in. (406 x 406 x 254 mm)	18 x 18 x 18 in. (457 x 457 x 457 mm)	16 x 48 x 24 in. (406 x 1,219 x 610 mm)
	Weight	29 lbs. (13 kg)	40 lbs. (18 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.