



## Overview

The PS84 can power a system with larger power requirements and is for situations where it is desirable to have the power supply housed in a separate enclosure. It consists of an 84 Ah

battery, mounting bracket, and a 14 by 16 in. environmental enclosure.

## Detailed Description

The PS84 requires either the CH200 Regulator (option -CR) or the SunSaver Regulator (option -SR) to connect the battery to a charging source (typically an unregulated solar panel). The

PS84's enclosure can have either one or two cable-entry conduits. Several options are offered for mounting the enclosure to a tripod or tower.

## Specifications

Power Out (+12 Terminals) Voltage	Unregulated 12 V from battery
Battery Nominal Rating	84 Ah (when battery discharged at a 24 hr rate)
Enclosure Rating	NEMA 4X (modified for cable entry)
Temperature Range	-40° to +71°C
Dimensions	<ul style="list-style-type: none"> <li>› 39.4 x 44.5 x 15.7 cm (15.5 x 17.5 x 6.2 in.) external for enclosure</li> <li>› 20.3 x 33 x 35.6 cm (8 x 13 x 14 in.) for battery shipping box</li> <li>› 30.5 x 14.5 x 33 cm (4 x 6 x 13 in.) for bracket</li> <li>› 3.18 x 10.16 x 33.02 cm (1.25 x 4 x 13 in.) for backplate</li> </ul>

- › 3.8 x 12.7 x 38.1 cm (1.5 x 5 x 15 in.) for sideplates
- › 3 x 10 x 32 cm (1.25 x 4 x 13 in.) for bridgeplate
- › 35.6 x 40.6 x 15 cm (14 x 16 x 5.9 in.) internal for enclosure

Weight	<ul style="list-style-type: none"> <li>› 0.5 kg (1 lb) for backplate</li> <li>› 0.5 kg (1 lb) for sideplate 1</li> <li>› 0.5 kg (1 lb) for sideplate 2</li> <li>› 0.25 kg (0.5 lb) for bridgeplate</li> <li>› 25.9 kg (57 lb) for shipping of battery only</li> <li>› 0.9 kg (2 lb) for bracket</li> <li>› 25 kg (55 lb) for battery only</li> </ul>
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## SunSaver Regulator

Output 10 A (at a nominal 12 Vdc)

Temperature Compensation	-28 mV/°C
Current Drain	6 to 10 mA (continuous)

For comprehensive details, visit: [www.campbellsci.com/ps84](http://www.campbellsci.com/ps84) 



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