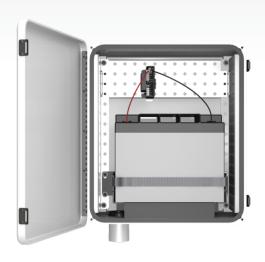


**PS84** 

84 Ah Power Supply with 14 x 16 in. Enclosure



## 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 Battery Nominal Rating	Unregulated 12 V from battery 84 Ah (when battery discharged at a 24 hr rate)	<ul> <li>3.8 x 12.7 x 38.1 cm (1.5 x 5 x 15 in.) for sideplates</li> <li>3 x 10 x 32 cm (1.25 x 4 x 13 in.) for bridgeplate</li> <li>35.6 x 40.6 x 15 cm (14 x 16 x 5.9 in.) internal for enclosure</li> <li>Weight</li> <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>	in.) for sideplates 3 x 10 x 32 cm (1.25 x 4 x 13 in.) for bridgeplate 3 35.6 x 40.6 x 15 cm (14 x 16 x 5.9
Enclosure Rating	NEMA 4X (modified for cable entry)		
Temperature Range	-40° to +71°C		
Dimensions	<ul> <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>		<ul> <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> </ul>

SunSaver Regulator		
Output	10 A (at a nominal 12 Vdc)	

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



