

#### SPECIALTY DEVICES

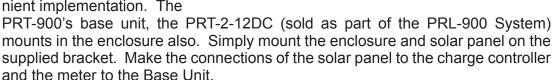
# **SPS-1 Solar Power Supply for PRT-900 Transmitter**

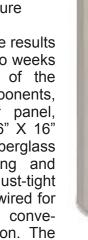
# **DESCRIPTION**

The SPS-1 Solar Power Supply provides a power source for times when a 120VAC or 12VDC power supply is not be available at the meter for the PRL-900 Wireless Pulse Link's PRT-900 Transmitter. The SPS-1 Solar Power Supply includes everything you need to implement a solar-powered PRT-900 Pulse Radio Transmitter at the meter:

- Solar panel
- Charge controller
- Battery
- NEMA 4X enclosure

One battery charge results in an excess of two weeks of full operation of the PRT-900. All components, except the solar panel, mount inside a 16" X 16" X 6" NEMA 4X fiberglass enclosure providing and rain-tight and dust-tight environment, pre-wired for a truly quick and convenient implementation. The









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# **SPECIFICATIONS**

# **ELECTRICAL**

Power Input:	5 Watt Solar Panel
Output Voltage:	12 VDC
Charge Current:	500 mA Max
Battery Capacity:	7 Amp-hour
Battery Discharge Rate:	6 mA
Battery Recharge Time:	Approximately 6 hours

## **MECHANICAL**

Mounting:	Any position for enclosure; Properly oriented for solar panel
Enclosure Material and Rating:	Fiberglass NEMA 4X
Enclosure Size:	16" wide, 16" high, 6" deep
Weight:	2 pounds

### **Environmental**

Temperature Range:	-40° C to +85° C, -40° F to +185° F
Humidity:	0 to 98% non-condensing