



RPSTxxM RemotePro®

DATA SHEET

Outdoor Remote Power Systems

Features

- Complete Remote Power Solution for Off-Grid Operation
- Weatherproof Outdoor Enclosure with up to 200Ah Battery
- Enclosures can be Wall or Pole Mounted
- High Performance Sealed Lead Acid Batteries
- MPPT Charge Controllers
- Thermostatically Controlled Ventilation



Applications

- Wireless Base Stations
- Surveillance Cameras
- Wireless Bridge and Repeaters
- Off Grid Power
- Remote Lighting
- Backup Power Systems

Description

The RPSTxxM RemotePro® series outdoor power systems are designed for applications that require a primary off-grid power source to run various equipment. The vented weatherproof enclosures have generous space available inside for mounting customer equipment. Multiple DIN Rail mount features are provided.

All enclosures are hinged and gasket sealed with tamper resistant locks for security. The enclosures can be mounted to a wall or pole with the included mounting bracket system.

The high quality solar panels have a 25year power output guarantee. The panel come with a side of pole mounting bracket for mounting to a pole or wall.

There are 12V and 24V battery configurations with 20A load outputs. Enclosures have four cable gland ports for CAT5/6 cable, antenna cables/connectors or other cabling. The enclosures include a thermostatically controlled fan assembly which turns on automatically when the temperature exceeds 45°C.

Batteries are a Non-Spillable Valve Regulated Sealed Lead Acid Advance Glass Matt (AGM) type which have excellent temperature and deep discharge performance. Expected battery life exceeds 5years.

The systems come with all cabling required to connect the batteries to the controller and 20' outdoor rated cable to connect the solar panels to the controller.

RPST with 200Ah of battery



160W / 320W Solar Mount



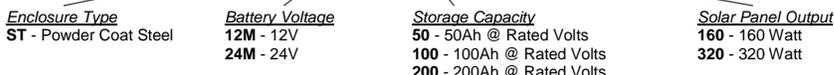
Specifications

	RPST12M	RPST24M
Battery Type	Maintenance Free Non-Spillable Valve Regulated Sealed Lead Acid AGM	
Battery Life	5+years	
Solar Controller Type	MPPT – Temperature Regulated	
Controller Self Consumption	<1W	
Overcharge Protection	16V	32V
Equalize Charge	14.6V	29.2V
Bulk Charge	14.4V	28.8V
Float Charge	13.8V	27.6V
Over-discharge protection	11V	22V
Over-discharge recovery volts	12V	24V
Enclosure Type	Pole/Wall Mount, Powder Coat Steel	
Enclosure External Size	24 x 15 x 14" (610 x 381 x 356mm)	
Enclosure Internal Size	23 x 14 x 12" (584 x 356 x 305mm)	
Internal Mount Features	Din Rail Mounts (3)	
Operating Temperature	-30°C to +60°C (-22°F to 140°F)	
Wind Speed Rating	90MPH	
Warranty	3 Years	

Solar Panel	Dimensions	System Weight (without Batteries)
160W	67" x 26" (1710 x 666mm)	109lb (49kg)
320W	67.5" x 52.5" (1.7m x 1.3m)	158lb (72kg)

12V Battery Ah	Battery Weight
100Ah	81 lb (37kg)
200Ah	152lb (69kg)

RPST 12M-200-320



System Ordering:

Model #	Continuous Power Generation @ Min. Peak Sun Hrs.	Backup Time	Battery Voltage	12V Battery Capacity	Solar Panel Size
RPST12M-100-160	25W @ 3.8hrs	24hrs	12VDC	100Ah	160W
RPST12M-200-160	40W @ 6hrs	30hrs	12VDC	200Ah	160W
RPST12M-200-320	50W @ 3.8hrs	24hrs	12VDC	200Ah	320W
RPST24M-50-160	25W @ 3.8hrs	24hrs	24VDC	100Ah	160W
RPST24M-100-160	40W @ 6hrs	30hrs	24VDC	200Ah	160W
RPST24M-100-320	50W @ 3.8hrs	24hrs	24VDC	200Ah	320W

For further information contact:

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