



## **Outdoor Remote Power Systems**:

#### **Features**

- Complete Remote Power Solution for Off-Grid operation
- Weatherproof, UV resistant, outdoor enclosures
- Enclosures can be Wall or Pole Mounted
- High Performance Valve Regulated Sealed Lead Acid Batteries
- Advanced battery charge controller protects against overcharge and over discharge

### **Applications**

- Wireless Base Stations and Clients
- Wireless Bridge and Repeaters
- Remote Lighting

- Surveillance Cameras
- Remote Sensors
- Backup Power Systems



RemotePro® DC Series

## **Description**

The RPDC RemotePro® series outdoor power systems are designed for applications that require a primary off-grid power source to run various electronics.

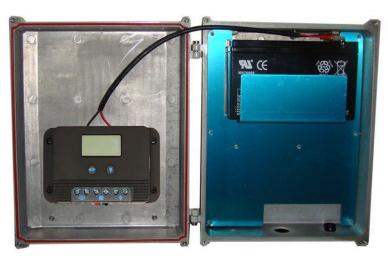
The die cast aluminum enclosures are hinged and gasket sealed. They can be mounted to a pole or wall with the included mounting bracket system.

The high quality solar panels have a 25year power output guarantee. They can be mounted to a pole or to a wall with the included bracket kit.

Features include an advanced battery charge controller to protect against over-charging or over-discharging of the valve regulated sealed lead acid batteries. Enclosures are vented to prevent residual buildup of hydrogen gas.

Batteries are an Absorbed Glass Matt (AGM) type which have good all temperature performance.





RPDC Inside

# RPDC RemotePro® Series

**Specifications** 

|  | RPDC12-9-05  | RPDC12-9-15 |  |  |  |
|--|--|-------------|--|--|--|
| Rated Power Generation (6hrs peak sun)   | 1.25W  | 2.5W        |  |  |  |
| Reserve Time @ Rated Power               | 40hrs  | 21hrs       |  |  |  |
| POE Output Voltage (DC)                  | No POE Out   |             |  |  |  |
| Secondary Volts Out (DC)                 | 12V 20A  |             |  |  |  |
| Battery Capacity (Amp Hrs)               | 8.5Ah  |             |  |  |  |
| Battery Voltage (DC)                     | 12V  |             |  |  |  |
| Battery Type                             | Valve Regulated Sealed Lead Acid / Absorbent Glass Mat (AGM) |             |  |  |  |
| Battery Life                             | 5 Years  |             |  |  |  |
| Controller Type                          | PWM  |             |  |  |  |
| Overcharge Protection                    | 14.4V  |             |  |  |  |
| Over-discharge protection                | 11.0V  |             |  |  |  |
| Over-discharge recovery volts            | 12.0V  |             |  |  |  |
| Controller Self Consumption              | <0.3W  |             |  |  |  |
| Enclosure Type                           | Die Cast Aluminum  |             |  |  |  |
| Enclosure External Size                  | 11 x 8.5 x 3.5"<br>(279x216x89mm)                            |             |  |  |  |
| Enclosure Internal Size                  | 10 x 7.75 x 3"<br>(254x197x76mm)                             |             |  |  |  |
| Space available for Customer Electronics | 7.75 x 5 x 1.25"<br>(197x127x32mm)                           |             |  |  |  |
| Solar Panel Dims                         | 11" X 9" 14"X12"<br>(279 x 228 mm) (355 x 305mm)             |             |  |  |  |
| Operating Temperature                    | -30°C to +60°C (-22°F to 140°F)                              |             |  |  |  |
| System Weight (no batteries)             | 10lb (4.5kg)   |             |  |  |  |
| Battery Weight                           | 5.5lb (2.5kg)  |             |  |  |  |
| Wind Speed Rating                        | 110MPH (49m/s)   |             |  |  |  |
| Warranty                                 | 3 Years  |             |  |  |  |

### System Ordering:

| Model #     | Continuous<br>Power<br>Generation<br>(6hrs) | Enclosure Type | Battery Voltage | <b>Battery Capacity</b> | Solar Panel Size |
|-------------|---|----------------|-----------------|-------------------------|------------------|
| RPDC12-9-05 | 1.25W                                       | Die Cast       | 12VDC           | 8.5Ah                   | 5W               |
| RPDC12-9-15 | 2.5W  | Die Cast       | 12VDC           | 8.5Ah                   | 15W              |

#### For further information contact:

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