



SPP12280-312-E

Technical Specifications

Solar Array

- Minimum 280 Watts Power Max
- Minimum 17.0 Volts Power Max
- Wired Nominal 12 Vdc
- Prewired with Locking Plug-in Connectors
- Size 52.6 x 59.1 inches (L x W)

Solar Mount

- Side of Pole with High Wind Brace
- Adjustable from 30 to 60 Degrees
- Heavy Duty Aluminum with Stainless Steel Hardware

Enclosure

- 20.25 x 16 x 15 inches (H x W x D)
- Heavy Duty White Powder-Coated Aluminum
- Pole or Wall Mounting
- Stainless Steel Locking, Adjustable Hasps
- Stainless Steel Hinge
- Convection Cooling
- Cable Access Glands Located at Bottom of Enclosure

Electronics

- Charge Controller
 - Multi-Stage, Temperature Compensated
 - -40c to 60c Operating Temperature
 - PV Protection: Overload, Short Circuit, High Voltage
 - Load Protection: Overload, Short Circuit
 - Reverse Polarity: PV, Battery, Load
 - Transient Surge Protection
- Fused, Nominal 12 Vdc Output
- Hydraulic-Magnetic DC Circuit Breakers for PV and Battery
- All Components Prewired
- Heavy Duty Aluminum Enclosure Backplane with Earth Ground

Battery Array

- Minimum 224 Amps (100Ahr)
- Battery Array Wired Nominal 12 Vdc
- Sealed GEL VRLA
- All Wiring Provided with Connectors Attached

Note: Technical specifications subject to change without notice
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