



60 AMP HOUR LIFEP04 BATTERY 20X16X12 SOLAR SOLUTION WITH 180 W SOLAR PANEL



Our Solar Solutions are comprehensive remote power solutions designed for off-grid operation to power various electronics. They are fully configured and provide multiple output power options, such as PoE and DC power.

Part Number: **ATS-SOLR-60AH-LI-180W-201612PCS**



FEATURES

- Fully integrated unit includes charge controller, Lithium Ion battery, enclosure and solar panel
- 12V DC power output
- Batteries are charged via the solar panel
- Charge controller protects against over-charging and over discharging of the batteries
- Enclosure and Solar Panel ship with wall and pole mounts
- Outdoor-Rated



BENEFITS

- Self-Contained Unit for easy install
- Provides isolated and uninterrupted power
- Space for mounting electronics



ADDITIONAL COMPATIBLE ACCESSORY ITEMS

- 12VDC-35W PoE Injector Kit (ATS-SOLR-POE-INJ-20612)
 - * Converts DC voltage in PoE and includes built-in over-voltage, over current and short circuit protection
- Remote Monitoring Kit (ATS-SOLR-RM)
 - * Remotely monitor solar panel(s), battery and load statistics
- 12VDC-56VDC 4 Port PoE Switch - 802.3af/at (ATS-SOLR-POES-20612)



APPLICATIONS

- Security Cameras
- Outdoor Wi-Fi
- Parking Lots and Garages
- Cellular Backhaul
- Remote Monitoring and Control
- Remote Sites
- Temporary Locations
- Disaster Relief

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MECHANICAL SPECIFICATIONS

Enclosure Dimensions: 20" x 16" x 12" (508 x 406.4 x 304.8mm)
Enclosure Color: White
Enclosure Material: Powder Coated Steel
Enclosure Door Type: Solid
Enclosure Lock Type: Padlockable Turn Latch
Enclosure Installation: Wall/Pole Mount
Enclosure Pole Mount Diameter: Up to 12" Diameter Pole (304.8 mm)
Solar Panel Dimensions: 59.29" L x 26.8" H x 1.38" D (1,506 x 681 x 35mm)
Solar Panel Weight: 26 lbs. (11.8 kg.)
Solar Panel Installation: Wall/Pole Mount
Solar Panel Pole Mount Diameter: Up to 12" Diameter Pole (304.8 mm)



ELECTRICAL SPECIFICATIONS

System Output Power Options: 3 Outputs for 12V DC (Supports up to 10 Amps)
Solar Panel Maximum Reserve Current: 15 A
Solar Panel Peak Power Point Voltage: 18.36 V
Solar Panel Peak Power Point Current: 8.88 A



ENVIRONMENTAL SPECIFICATIONS

Installation Environment: Outdoor
Operating Temperature: -4 to 122°F (-20 to 50°C)



SYSTEM COMPONENTS

- (1) 12V 60Ah Lithium Ion Battery
- 20x16x12 White Powder Coated Steel Enclosure with Solid Door, Padlockable Turn Latch and Wall/Pole Mount
- 180 W Monocrystalline Solar Panel with Wall/Pole Mount
- Small Solar Panel Mounts
- Solar Panel Mount Kit (1 Upper and 1 Lower)
- Solar Panel Mounting Hardware Kit
- (2) Stainless Steel U-Bolt Mounting Kit for up to 2.5" Pole
- (4) Solar Enclosure Mounting Bracket (bar with teeth)
- Solar Pre-Finished Backplate - 20 Amp
- Charge Controller (10 Amp MPPT)
- Battery J Hook Hold Down Bolt
- Battery Gel
- (1) 2.5mm 10' Dual Conductor MC4 Solar Cable
- (1) PG16 Nylon Cord Grip for Solar Cable
- (2) PG16 Nylon Cord Grip for Ethernet