220 AMP HOUR 20X16X15 SOLAR SOLUTION WITH 160 W SOLAR PANEL

The AccelTex Solutions Solar Solutions are a complete remote power solution designed for off-grid operation to power various electronics. These solar solutions are fully configured and provide multiple output power options, such as PoE and DC power.

Part Number: ATS-SOLR-220AH-160W-201615PCS

FEATURES

- Fully integrated unit includes charge controller, 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 ships will wall mount (Pole mount U Bolts Sold Separately) 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

- 50W PoE Injector (ATS-50W-POE-INJ)
- 60W PoE Injector (ATS-60W-POE-INJ)
- PoE Switch (ATS-POES-12VDC-56VDC)

APPLICATIONS

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

1.888.406.8906
SALES@ACCELTEX.COM

MECHANICAL SPECIFICATIONS

Enclosure Dimensions: 20" H x 16" W x 15" D (508 mm H x 406.4 mm W x 381 mm D)
Enclosure Color: White
Enclosure Material: Powder Coated Steel
Enclosure Door Type: Solid
Enclosure Lock Type: Padlockable Turn Latch
Enclosure Installation: Includes Wall Mount, Pole Mount U Bolts Sold Separately
Enclosure Pole Mount Diameter: U Bolts Available for up to 12" Diameter Pole (304.8 mm)
Solar Panel Dimensions: 59.29" L x 26.81" H x 1.37" D (1,506 mm L x 681 mm H x 35 mm D)
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: 1 Output for 12V DC (Supports up to 10 Amps)
Solar Panel Input: 160W
Solar Panel Rated Current: 8.65 Amps
Charge Controller Max Input: 10 Amps

ENVIRONMENTAL SPECIFICATIONS

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

SYSTEM COMPONENTS

- (2) 12V 110Ah AGM Sealed Lead Acid Battery
- 20x16x15 White Powder Coated Steel Enclosure with Solid Door, Padlockable Turn Latch and Wall Mount
- 160 W Monocrystalline Solar Panel with Wall/Pole Mount
- Charge Controller (12V DC Output, 10 Amps)
- Battery Wiring Harnesses and Terminal Blocks
- Battery Tray
- Battery J Hook
- Battery Gel
- (3) 20 Amp Breakers
- (1) 10' Dual Conductor MC4 Solar Cable
- (1) PG16 Oval Cord Grip for Solar Cable
- (1) PG16 Cord Grip for Ethernet

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