55 AMP HOUR 16X14X8 UPS BATTERY BACKUP

The AccelTex Solutions UPS Battery Backup Solutions are designed to provide backup power in the event of a main line power failure or for other periods of intentional or unintentional interrupted power events. These backup solutions are fully configured and provide multiple output power options, such as PoE and DC power and are Solar-Ready.

Part Number: ATS-UPS-55AH-16148P

FEATURES

- Fully integrated unit includes charge controller, battery, enclosure and PoE injector
- Multiple output power options, including PoE (802.3af & 802.3at) & 12V DC
- Multiple PoE outputs with an additional PoE Switch for powering multiple PoE devices, such as security cameras
- Batteries are continuously charged via PoE
- Charge controller protects against over-charging and over discharging of the batteries
- Enclosure ships with a Wall mount (Pole Mount is available as an accessory item)
- Outdoor-Rated

BENEFITS

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

ADDITIONAL COMPATIBLE ACCESSORY ITEMS

- PoE Switch (ATS-POES-12VDC-56VDC)
- Enclosure Pole Mount (ATS-PMK-14)

APPLICATIONS

- Security Cameras
- Outdoor Wi-Fi
- Parking Lots and Garages
- Cellular Backhaul
- Remote Monitoring and Control

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Part Number: ATS-UPS-55AH-16148P

MECHANICAL SPECIFICATIONS

Enclosure Weight: 39.1 lbs (17.74 kg)
Enclosure Dimensions: 16” H x 14” W x 8” D (406.4 mm H x 355.6 mm W x 203.2 mm D)
Color: Light Grey
Material: Polycarbonate
Door Type: Solid
Lock Type: Latch with Padlockable Hasp
Enclosure Installation: Mounting Feet

ELECTRICAL SPECIFICATIONS

System Output Power Options: 1 Output for 802.3af or 802.3at and 1 Output for 12V DC (Supports up to 10 Amps)
Charge Controller Max Input: 10 Amps

ENVIRONMENTAL SPECIFICATIONS

Installation Environment: Indoor or Outdoor (NEMA 6P, 4X, 4, 3R, 122; IP68)
Operating Temperature: -4 to 122°F (-20 to 50°C)

SYSTEM COMPONENTS

- (1) 12V 55 Ah AGM Sealed Lead Acid Battery
- 16x14x8 Polycarbonate Enclosure with Solid Door, Latch Locks, Pad Lockable Hasp and Wall Mount
- Charge Controller (802.3af/at PoE and 12V DC, 10 Amp Output Power)
- 50W PoE Injector for Charging Batteries and Data Connectivity
- (2) Battery Wiring Harnesses; (1) to controller and (1) to link battery
- (1) PG16 and (1) PG7 Cord Grip
- (1) 32” (85 cm) Battery Safety Strap
- (1) Cable Management Supplies Kit (includes cable ties and cable tie mounting pads)

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RECOMMENDED SYSTEM USAGE SCENARIOS

Watts Consumed	Amperage Consumed	Total Hours of Backup*	Total Hours of Backup in Cold Environments**
2	0.17	330	231
4	0.33	165	116
6	0.50	110	77
8	0.67	83	58
10	0.83	66	46
12	1.00	55	39
14	1.17	47	33
16	1.33	41	29
18	1.50	37	26
20	1.67	33	23
22	1.83	30	21
24	2.00	28	19
26	2.17	25	18
28	2.33	24	17

* Calculations based on battery operation at room temperature. For cold environments, battery capacity is reduced by 25-30%.
** Battery capacity has been reduced by 30%.

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