60 AMP HOUR 16X14X8 UPS BATTERY BACKUP
ATS-UPS-60AH-16148P

FEATURES

- Fully integrated unit includes charge controller, battery, enclosure, DIN rail
- Multiple output power options, including PoE (802.3af 802.3at) & 12V DC
- Additional PoE outputs with an optional PoE Switch for powering multiple PoE devices, such as security cameras
- Batteries are continuously charged via AC or Solar Panel
- Charge controller protects against over-charging and over discharging of the battery
- 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-16-PMK)
- AC Outlet Cover (ATS-AC-OUTLET-COVER)
- 200W Solar Panel (ATS-SOLR-200W-MC)

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MECHANICAL SPECIFICATIONS

Enclosure Weight: 30 lbs (13.6 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: Grey
Material: Polycarbonate
Door Type: Solid
Lock Type: Latch with Padlockable Hasp
Enclosure Installation: Mounting Feet
Din Rail Mounting Space: 8” x 9” of mounting space (Remaining Din Rail Length x Battery to Enclosure)

ELECTRICAL SPECIFICATIONS

System Output Power Options:

- Output 1 (upper RJ45) PoE Output for 802.3af or 802.3at
- Output 2 (rear terminal) for 12VDC (Supports up to 8 Amps)

Charge Controller Max Input:

- Solar Panel: 18V~55VDC 20A max
- AC: 100V~240VAC

ENVIRONMENTAL SPECIFICATIONS

Installation Environment: Indoor or Outdoor (NEMA 6P, 4X, 4, 3R, 122; IP68)
Operating Temperature: -4°F to 140°F (-20°C to 60°C)
Optimal Operating Temperature: -50°F to 95°F (-45°C to 35°C)
Operating Humidity: Less than 65% with open enclosure

SYSTEM COMPONENTS

- (1) 60Ah LiFePO4 Battery
- 16x14x8 Polycarbonate Enclosure with Solid Door, Latch Locks, Pad Lockable Hasp
- Charge Controller (802.3af/at PoE and 12VDC, 8 Amp Output Power)
- (2) PG16 Cord Grips
- (1) 18” x 1” Battery Safety Strap

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CHOOSING THE RIGHT BACKUP SOLUTIONS

1. Calculate the amount of watts consumed by your equipment
2. Determine the approximate length of time battery backup is required.
3. Round up to the next largest system if your desired time is not satisfied by a smaller solution.
4. If operating in a cold environment, battery capacity is reduced by 25-30%. Calculate the additional battery capacity needed if you are operating in a cold temperature.
5. Determine the amount of space required for mounting additional equipment inside of the enclosure (additional enclosure sizes are available).

Continuous Watts Consumed	60 Ah Battery	30 Ah Battery	15 Ah Battery
2 W	360	180	90
4 W	180	90	45
6 W	120	60	30
8 W	90	45	22
10 W	72	36	18
12 W	60	30	15
14 W	51	25	12
16 W	45	22	11
18 W	40	20	10
20 W	36	18	9
22 W	32	16	8
24 W	30	15	7
26 W	27	13	6
28 W	25	12	6

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