



## 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-10P-12P-PMK)





## MECHANICAL SPECIFICATIONS

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Enclosure Weight: 20 lbs (9.1 kg)  
Enclosure Dimensions: 14" H x 12" W x 6" D (355.6 mm H x 304.8 mm W x 152.4 mm D)  
Color: Grey  
Material: Polycarbonate  
Door Type: Solid  
Lock Type: Latch with Padlockable Hasp  
Enclosure Installation: Mounting Feet  
Din Rail Mounting Space: 6"x9" of mounting space (Remaining Din Rail Length x Battery to enclosure)



## ELECTRICAL SPECIFICATIONS

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System Output Power Options: 1 Output for 802.3af or 802.3at and 1 Output for 12VDC (Supports up to 8 Amps)  
Charge Controller Max Input:

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



## ENVIRONMENTAL SPECIFICATIONS

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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

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- (1) 12V 30Ah LiFePO4 Battery
- 14x12x6 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



## 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