

# Device Power Solutions with Integrated Smart UPS

Answer your device power needs with integrated **Smart UPS** solutions from AlsoEnergy. Smart UPS ensures backup power for your devices to guard against data loss during a power interruption. Smart UPS hardware arrives on site wired, assembled, and mounted in a weatherproof NEMA-4 enclosure. Smart UPS is available with a variety of hardware configurations.



### Product Features

- Phoenix Contact Smart Batteries
- Enclosure size is 31.5" (H) x 15.75" (W) x 15.75" (D) (800mm x 400mm x 400mm)
- Added area to mount additional components or second set of batteries
- No moving parts or fans
- Readily available fusing
- Modbus/TCP connection for status, data, and alerts
- UL marked
- Operating temperature -40°F to 158°F (-40°C to 70°C)

| Product                           | Typical backup for 25W load | Typical backup for 50W load |
|-----------------------------------|-----------------------------|-----------------------------|
| Standalone battery (small)        | 6.72 hours                  | 3.36 hours                  |
| Smart UPS with large enclosure    | 36.48 hours                 | 18.24 hours                 |
| Smart UPS with additional battery | 72.96 hours                 | 36.48 hours                 |

Designed with fault-tolerant industrial technology and integrated monitoring, the AESUPS provides reliable power for AlsoEnergy standard DAS enclosures. With factory-integrated DAS equipment mounted in the same enclosure, you get a more reliable system at a lower cost, and quicker installation times.

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## Sample Data

|  |
|--|
| Output Voltage - 25.578V   |
| State of Charge - 99%  |
| Residual Backup Time (only accurate when discharging) - 70.6 hrs     |
| Residual Backup Time (only accurate when discharging) - 1,092.2 mins |
| Battery Voltage - 25.772V  |
| Battery Temperature - 76.73°   |
| Residual Life Time - 5 yrs   |
| Battery Discharging Current - 0.415A                                 |
| Detected Battery Units - 1   |
| Battery Nominal Capacity - 38Ah                                      |

## Input AC/DC Power Supply

|                                |
|--------------------------------|
| Input Voltage - 120-277VAC L-N |
| Input Current - 0.75-1.43A     |
| Output Current - 3.5A          |
| AC Input Branch Circuit Rated  |

## UPS Smart Controller

|                           |
|---------------------------|
| Output Voltage - 24VDC    |
| Charging Current - < 1.2A |

## Battery Bank

|   |
|---|
| 38Ah Smart Battery (76A with additional battery pack)   |
| 25A ATC fuses   |
| Temperature monitoring for increased reliability and lifespan   |
| Battery life will degrade over time if charge cycles occur outside temperature range of 32°F - 104°F (0°C - 40°C) |

## Maximum Loads

|      |
|------|
| 50 W |
|------|