

APS- Lithium Power Wall Mount for Home & Office applications

7.2KWH Storage



ABOUT PRODUCT

Introducing an advanced energy storage solution, APS- Lithium Power batteries meet high quality, high capacity, excellent stability and high-cycle capability. The technology has been tested to stringent safety standards and has met all required certifications. APS- Lithium-Ion Batteries deliver safe lithium phosphate energy storage solutions in a super compact wall mount or floor mount enclosure. Ideally suited for home and small commercial applications or environments where space and aesthetics are required. The Lithium Power pack has a built-in advanced touch screen with intuitive information for correct usage.

PRODUCT PERFORMANCE

APS Lithium Ion Phosphate Batteries (also known as Lithium Iron Phosphate Batteries) are an extremely light weight battery designed for deep-cycle (cyclic) applications and are a completely dry battery, making them spill-proof and leak- proof. They can sit for long periods without losing charge and can also be charged extremely quickly without damaging the battery.

MAIN FEATURES

- Easy Install: The Power pack is designed to allow for easy wall-mount or floor-standing installations
- Long life : Superior safety & BMS with more than 10 years lifespan.
- High IP Level: APS Power Pack can be used both indoor and outdoor with an IP65 rating.
- Compatible with most inverters: SMA, Solax etc.....
- High Safety Performance (CE/UL) approved: Safe Li-Ion battery with an internal protection circuit board
- Green Energy: No toxic materials contained
- Super cycle capability: More than 4000 deep cycles at 1C rate
- No memory effect: A highly efficient charge anytime with no reduction of capacity
- Operation temperature: -20~65°C
- Super Compact: Lighter weight and high capacity, 1/2 size of lead acid battery
- Low self-discharge rate: < 3% monthly
- Warranty: 5 years



7.2KWh LiFePO4 Battery



PV



ON-Grid



Touch-screen Display

100% DOD (Depth of Discharge) 3000 cycles
30% DOD (Depth of Discharge) 8000 cycles



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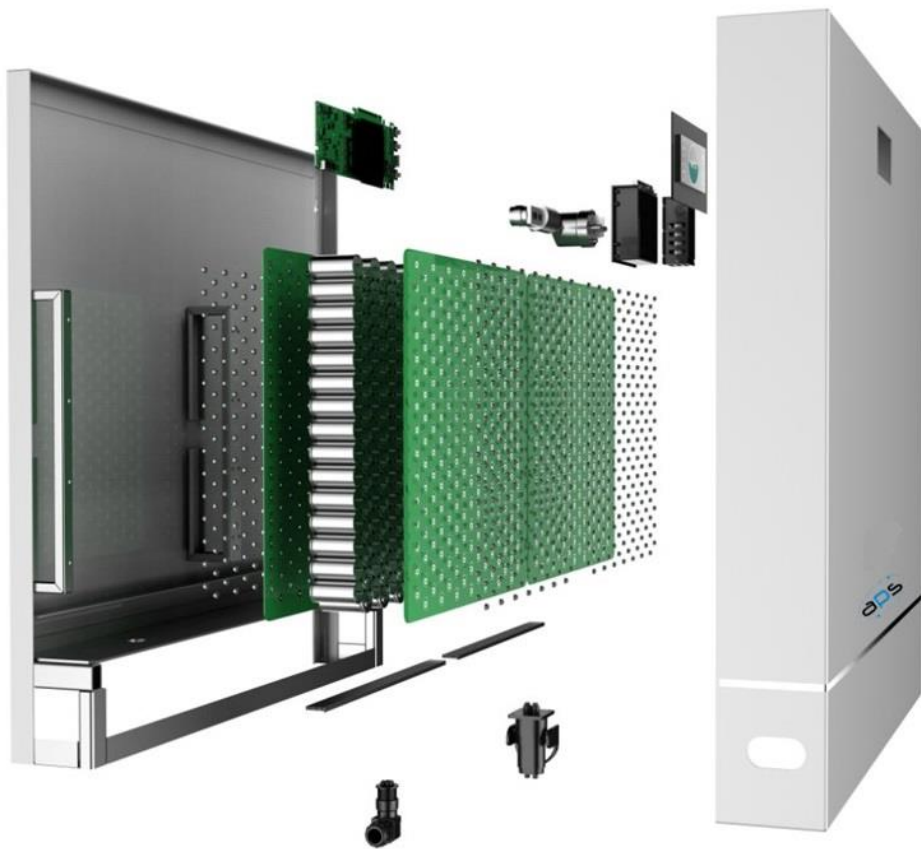
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TECHNICAL SPECIFICATIONS

Model	APS Nano 7.2kWh
Total Energy (kWh)	7.68
Usable Energy (kWh)	6.08
Capacity (Ah)	150
Nominal Voltage (V)	21.2
Voltage Range (V)	40~58.4
Lifespan (80% DOD @ 25 Deg)	> 1000 (10 years)
Charge Operating Temperature	-20deg~60deg
Discharge Operating Temperature	-20deg~60deg
Dimensions (W x H x D) mm	1100*1060*145
Weight	125
Enclosure Protection Rating	IP65
Installation	Wall-Mounted or Floor-Standing
Warranty	5 years
Communication	RS485
Certification	UL, IEC62133, IEC62619, UN38.3 (Product)



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