

AQ LITHIUM IRON PHOSPHATE BATTERY PACK 48300

HOUSEHOLD ENERGY STORAGE



Features

- 1、Lithium iron phosphate battery pack: 80% DOD, more than 6000 cycles warranty period: 3 years
- 2、Higher energy density, smaller home size. Long life and safety.
- 3、Solar energy system: The battery pack is designed for home solar energy systems.
- 4、Battery management system (BMS) : the battery pack built-in BMS to monitor its operation, to prevent battery operation beyond the design limit.
- 5、Expansion ability: the battery pack can be easily expanded by parallel expansion battery pack
- 6、Panel pattern support customization

Application



Residential



Office



Network Equipment



Household appliance



Telecom



Power station

INNOVATION BREAKTHROUGH
LAUNCHED PANORAMIC HOME GREEN SOLUTIONS



Technical Parameters

AQ WALL MOUNTED BATTERY PACK

PRODUCT MODEL	48300
ARGUMENT	
RATED POWER	15.36KWH
NOMINAL VOLTAGE	51.2VDC
OPERATING VOLTAGE	44.8VDC-57.6VDC
BATTERY TYPE	LIFEPO4 LITHIUM IRON PHOSPHATE
BATTERY CAPACITY	300AH
RATED ENERGY	15.36KWH
BATTERY TYPE	16S1P
SOC	10-100%
CHARGING CURRENT	0.5C
DISCHARGE CURRENT	0.5C
BATTERY MANAGEMENT SYSTEM	MULTI-POINT MONITORING BMS MANAGEMENT SYSTEM
SCALABLE (PARALLEL FUNCTION)	MAX 16 UNITS
PROTECTION	Battery undervoltage protection/battery overvoltage protection battery overvoltage recovery voltage/overload power protection short circuit protection/temperature protection
CYCLE LIFE (0.5C&25°C)	6000 cycles@0.5C:80%DOD
QUALITY GUARANTEE	THREE YEARS
OPERATING TEMPERATURE	CHARGE: 0~45°C, DISCHARGE: -10-45°C
STORAGE TEMPERATURE	-20~50°C
CLASS OF PROTECTION	IP20
COOLING MODE	NATURAL COOLING
COMMUNICATION MODE	RS232/RS485/CAN communication (can communicate with mainstream inverters on the market)
OPERATING TEMPERATURE	-15 °C ~40 °C
RELATIVE HUMIDITY	0-95% NO CONDENSATION
RELEVANT CERTIFICATE	MSDS, UN38.3, CE, IEC626199 (BATTERY), UL (BATTERY)