



AM16+



51.2V

Nominal Voltage

16.1kWh

Capacity

314Ah

Rated Capacity

FEATURES

- + Unlimited Cycle Warranty (Ts & Cs apply)
- + Integrated 24/7 monitoring with the Hubble Cloudlink
- + Low center of gravity design, with anti-tip features. Models include wheels for mobility
- + Plug and play. No installation required; place directly on floor
- + Informative RGB led display strip
- + Prismatic LifePO4 cells
- + Heavy duty handles
- + Advanced BMS with current limiting function
- + Scalable system (up to 120 units)
- + High cycle and service life
- + Compatible with most inverters and chargers
- + Built in protection for over-charge, over-discharge & over-temperature
- + CAN bus, fully integrates & communicates with leading inverter brands



UNLIMITED CYCLE WARRANTY
(Ts & Cs Apply)



INTEGRATED MONITORING



SAFE + RELIABLE



SCALABLE

Battery Parameter	Specifications
Model	Hubble AM16+
Nominal Energy	16.1kWh
Rated Capacity	314Ah
Nominal Voltage	51.2V
Battery Type	LiFePO4 (LFP) 16 Cells per Battery
Operating Voltage Range	44.8Vdc - 57.6Vdc
Inverter Cut Off Voltage	49V (recommended) / 47V (minimum)
Charging Voltage	55.2Vdc
Charge Current	130A max
Discharge Current	200A max
Cycle Life @ 0.5C	Unlimited cycles within the Hubble Energy 10 year warranty (Ts & Cs Apply)

Battery Management System (BMS)	
Power (Self-Consumption)	≤2W
Cell Balancing (Charging Mode)	Passive - Activated once cells are close to full charge voltage.
Intelligent Current Limiter	Limits charging current to 20A if it exceeds 200A
Protection	Over Charge; Over Discharge; Over Current; Short Circuit; Over + Under Temperature

Cloudlink (Monitoring)	
Power (Self-Consumption)	≤2W
Wi-Fi Protocol	2.4GHz IEEE 802.11 b/g/n/e/i (802.11n up to 150 Mbps)
Communication	CAN / RS485 / RS232

Physical	
Dimensions (H x W x D)	1035*500*265mm
Weight	131.5kg
Installation Mounting	No Installation Required, Place Directly On Floor

Environmental	
Operating Temperature	-10°C to 50°C
Storage Temperature	10°C to 50°C
Humidity	15% to 75%
Certification	CE IEC UN38.3



Integrated Remote Monitoring with the Hubble Cloudlink



* Due to continuous product improvements specifications are subject to change without prior notice.
 ** To prolong battery life the recommended charge current is 105A.