

AM16+



51.2V

Nominal Voltage

16.1kWh

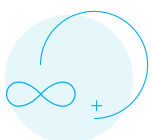
Capacity

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
- + Advanced BMS with current limiting function
- + Scalable system (up to 15 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

Specification

Model	Hubble AM16+
Nominal Energy	16.1 kWh
*Rated Capacity	314 Ah
Nominal Voltage	51.2 V
Battery Type	LiFePO4 (LFP) 16 Cells per Battery
Operating Voltage Range	43.2 Vdc – 58.4 Vdc
Charging Voltage	55.2 Vdc
Inverter Cut Off Voltage	49 V (recommended) / 47 V (minimum)
Charge Current (A)	130 A continuous
Discharge Current (A)	200 A max (157 A continuous)
Cycle Life @ 0.5C	Unlimited cycles within the Hubble Energy 10 year warranty (Ts & Cs Apply)

Battery Management System (BMS)

Power (Self-Consumption)	≤ 2 W
Cell Balancing (Charging Mode)	Passive - Activated once cells are close to full charge voltage.
Intelligent Current Limiter	Limits charging current to 20 A if it exceeds 137 A.
Protection	Over Charge; Over Discharge; Over Current; Short Circuit; Over and Under Temperature

Cloudlink (Monitoring)

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

Physical

Dimensions	970 * 500 * 260mm (Height, Width, Depth)
Weight	131.5 kg
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, UN38.3



Integrated Remote
Monitoring with the
Hubble Cloudlink

