



# AM5+



51.2V

Nominal Voltage

5.12kWh

Capacity

100Ah

Rated Capacity

## FEATURES

- + Unlimited Cycle Warranty (Ts & Cs apply)
- + Prismatic LiFePO4 cells
- + 1C High performance lithium battery
- + Integrated 24/7 monitoring with the Hubble Cloudlink
- + Advanced BMS with current limiting function
- + Easy wall mount or shelf rack installation
- + Informative RGB LED display strip
- + Heavy duty handles
- + 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
- + Scalable system (up to 120 Units)
- + Compatible with AM-5 (with external Cloudlink)



**UNLIMITED CYCLE WARRANTY**  
(Ts & Cs Apply)



**INTEGRATED MONITORING**



**SAFE + RELIABLE**



**SCALABLE**

Battery Parameter	Specifications
Model	Hubble AM5+
Nominal Energy	5.12kWh
Rated Capacity	100Ah
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	100A max
Discharge Current	100A max
Cycle Life @ 0.5C	Unlimited cycles within the Hubble Energy 10 year warranty (Ts & Cs Apply)
<b>Battery Management System (BMS)</b>	
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 100A
Protection	Over Charge; Over Discharge; Over Current; Short Circuit; Over + Under Temperature
<b>Cloudlink (Monitoring)</b>	
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
<b>Physical</b>	
Dimensions (H x W x D)	600*500*153mm
Weight	53kg
Installation Mounting	Wall Mounted - Mounting Bracket / Shelf rack installation
<b>Environmental</b>	
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 30A.