



X5+



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 rack-mount installation.
- + Informative RGB LED display strip
- + 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)
- + Heavy duty handles



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



**INTEGRATED
MONITORING**



**SAFE +
RELIABLE**



SCALABLE

TECHNICAL DATA

Battery Parameter

Specifications

Model	Hubble X5+
Nominal Energy	5.12kWh
Rated Capacity	100Ah
Nominal Voltage	51.2V
Battery Type	LiFePO4 (LFP) 16 Cells per Battery
Charge current	30A recommended.
Inverter Cut Off Voltage	49V
Charging Voltage	56V
Charge Current	100A max
Discharge Current	100A max
Cycle Life @ 1C	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 100A
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 (W x D x H)	440(482) x 490 x 153mm
Weight	48kg
Installation Mounting	Rack mounted

Environmental

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



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.