



51V 5.5KW

X-101

V 2.0

- Advanced BMS with current limiting function
- CAN Bus, fully integrates and communicates with leading Inverter brands
- Excellent high temperature performance
- High Cycle Life and Service Life
- RIOT integration ready for cloud monitoring
- 1C High Performance Lium battery
- High Energy Density and conversion efficiency
- Complete with integrated Battery Management System
- Compatible with most Inverters and chargers
- Low self discharge
- Installs easily in a standard server rack
- Heavy duty handles for easy handling
- Built in protection for over-charge, over-discharge & over-temperature

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TECHNICAL DATA

ITEM	SPECIFICATIONS
Model	Hubble X-101
Rated Capacity (5HR)	110 Ah
Nominal Voltage	51.0 V
Discharge Ending Voltage	42.0 V
Equalized Charge Voltage	53.6 V
Max. Charging Current	100 A
Max. Continuous Discharging Current	100 A
Cell C Rating	1.0 C
Weight	Approx. 42 Kg
Configuration	4 U
Parallel	Parallel connection up to 15 packs with full communication
Dimensions (W x D x H)mm	442mm x 495mm x 177.5mm
Maximum DC Limits	1x CAN-bus, 2x RS-485 Battery Link ports, 1x RS232
Cells	New Li-ion Prismatic Cells
Design Life	+/- 15 years
Cycle Life @ 1C	+/- 3 000 Cycles @ 100% DOD, Above 6000 cycles @ 50% DOD
Certification	CE, UN38.3, GBT31484-2015, GBT31485-2015, GBT31486-2015
Outer Package Material	White bake lacquer steel case
Operating Temperature	Charging: 0 to +55°C Discharging: -20 to +55°C Storage: -20 to +55°C
Protection	Electronic Circuit Breaker, BMS Voltage Protection, Under Voltage Protection

**Due to continuous product improvements specifications are subject to change without prior notice.*



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