



**-LUX 5KW INVERTER**  
**-HINA BATTERY**  
**-HUBBLE 2.75KWH-5.5KWH BATTERY**



Perfect Compatibility



Flexible Investment



More Usable Energy



Safe & Reliable

**oxbow**

## LUX 5KW INVERTER

	5000W HYBRID	5000W NON-HYBRID
Max PV Array Power ( W)	8000	8000
Rated PV Input Voltage (V)	360	320
Number of Independent MPPT Inputs	2	2
PV Input Voltage Range (V)	100-550	100-480
MPPT Voltage Range ( V)	120-500	120-368
Start-up Voltage (V)	140	100
Max. PV Input Current per MPPT	13	17
Max PV Short-Circuit Input per MPPT	20	25
Compatible Battery Type	Lithium/Lead-Acid	Lithium/Lead-Acid
Rated Battery Voltage	48	48
Battery Voltage Range	48-60	38.4-60
Max. Charging/Discharging Power (W)	4000	5000
Rated AC Voltage	230	230
Rated AC Output Current (A)	21.7	22
Rated AC Output Current (W)	5000	5000
Max AC Input Current (A)	34.7	35
Max AC Input Power (W)	8000	8000
Rated Output Voltage (V)	230	230
Rated Output Current (A)	17.4	22
Rated Output Frequency (Hz)	50/60	50/60
Switching Time (UPS)	20ms	20ms
Dimensions (WxHxD)	455x565x181mm	330X505X135mm
Weight (Kg)	20Kg	14.5Kg
Ingress Protection Rating	IP65	IP20

## HINA BATTERY

SPECIFICATIONS			
Cell Type	LFP	Dimension	640*428*166mm
Rated Power	5.12kWh	Weight	58Kg
Rated Capacity	100Ah	Communication	CAN/RS485
Rated Voltage	51.2V	Humidity	5% -85% RH (No condensation)
Charge Voltage	56.5V	Work Temperature	-20 °C ~ +55 °C
Max Charge/Discharge Current	100A	Storage Temperature	-10 °C ~ +35 °C
Discharge Peak Current	105A / 15s, 120A / 0.5s	Certification	CE UN38.3 IEC62619
IP Level	IP20	Remote Maintenance	Flexible remote upgrade, remote monitoring
Parallel	Up to 32 units parallelable w/o extra device needed, slave battery drops offline or come back alive does not affect system running		
Compatible Inverter	Victron, Luxpower, Deye, Voltronic, SMA Goodwe, Growatt, Sofar, Solark, SRNE, Must		
Protection	Over charge/discharge/current/voltage/temperature protection. Short circuit protection, Reverse connection protection. Stronger active balance, Low SOC protection.		

## HUBBLE 2.75KWH/5.5KWH BATTERY

SPECIFICATIONS			
Model	Hubble AM-2/ Hubble AM-4	Dimensions (WxDxH) mm	375mm x 145/ 147mm x 467/ 371mm
*Rated Capacity (5HR)	116/ 110 Ah	Ports	1x CAN-bus, 2x Battery Link Ports
Nominal Voltage	48/ 25 V	Cells	New Li-ion Prismatic Cells
Design Capacity	5.5/ 2.75 KWH	Design Life	+/- 15 Years
Equalized Charge Voltage	53.8/ 29 V	Weight	Approx. 42/ 21 Kg
Max. Continuous Charging Current	105/ 100 A	Display	None
Max. Continuous Discharging Current	105/ 100 A	C Rating	1.0 C
Cycle Life @ 1C	+/- 6000 Cycles @ 50% DOD, Above 3000 cycles @ 100% 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/ 10 to +55°C   Storage: -20/ -10 to +55°C		
Protection	Electronic Circuit Breaker, BMS Voltage Protection, Current Limiting		

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