

KEY FEATURES

- RCT Axpert VM2 2.5KVA 24V Pure Sine Wave Inverter
- 2500W Inverter with built in 3000W MPPT solar charger
- Selectable input voltage range for home appliances and computers
- Comprehensive LCD / LED display
- Two Hubble Lithium S-100A 12.8V - 1.28kWh Battery (Total 2.56kWh)
- Internal Battery Management System (BMS)
- Battery cycle life of approximately 4000 cycles
- Built-in protection for over-charge, over-discharge and over-temperature
- Sleek integrated battery design
- Easy to use plug and play back-up power solution
- Strong castor wheels makes it portable and easy to move
- Lightweight, compact and easy to move
- 2 years / 3000 cycle warranty on battery
- 12 months warranty on Inverter



2.5KVA 2.56KWH LITHIUM COMPACT POWER STATION

Dimensions (W x H x D)	45 x 50 x 40
Weight	35kg

INVERTER SPECIFICATIONS: RCT AXPERT VM2 2.5K PURE SINE WAVE OFF-GRID INVERTER

POWER

Rated Power	2500 VA / 2500W (PF 1)
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INPUT

Voltage	230 VAC
Selectable Voltage Range	170 - 280 VAC / 90 - 280 VAC
Frequency Range	50 Hz / 60 Hz (Auto sensing)

OUTPUT

AC Voltage Regulation	230 VAC Approx. 5%
Surge Power (5 Sec)	5000 VA
Efficiency (Peak)	93%
Transfer Time	10 ms (for Computers) 20 ms (for Home Appliances)
Waveform	Pure Sine Wave

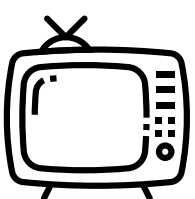
SOLAR CHARGER & AC CHARGER

Solar Charge Type	MPPT
Max PV Array Power Open Circuit Voltage	450 VDC
Max PV Array Power	3000W
Max. Solar Charge Current	80A
Max. AC Charge Current	80 A
Max. Charge Current (Total)	80 A

ADDITIONAL

Parallel Capabilities	No
Built in BMS Communication	No
Waveform	Pure Sine Wave
Noise Level	Cooling fan runs continuously when on. Do not store in low noise areas.

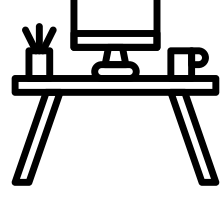
TECHNICAL SPECIFICATIONS



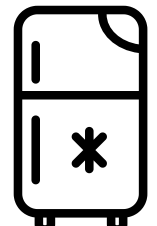
Television and Computers



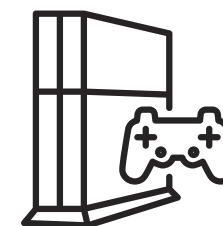
Security System



Computers and Printers



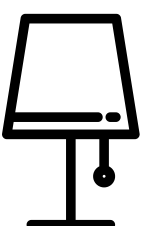
Fridge or Freezer



Playstation



Medical Equipment



Lamps

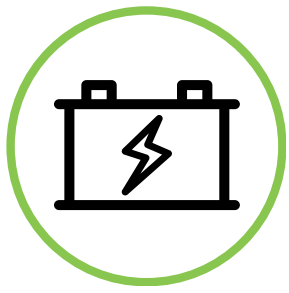
BATTERY SPECIFICATIONS: HUBBLE S-100A 12.8V

GENERAL INFORMATION

Battery Type	LiFePO4 (Lithium Iron Phosphate) 1st Life Cells
Nominal Voltage	12.8 V
Rated Capacity	100 Ah
Total Energy	1280 Wh (1.28kWh) / 2 batteries 2.56kWh
Discharge Ending Voltage	12.0 V
Charging Limited Voltage	14.0 V
Max. Continuous Discharge Current	100 A
Cell C Rating	1.0 C
Cycle Life	4000 cycles
Dimensions (D x W x H)	17 x 30 x 22
Weight	10.5 kg
Certification	CE, UN38.3, GBT31484-2015, GBT31485-2105, GBT31486-2015
Working Temp. Range	Recharge 0 to + 55
Operating Temperature Range	0 - 55C (charging) -20 - +55C (discharging) -20C - +55C (storage)
Design Life	15 Years

PROTECTION

Electronic Circuit Breaker
BMS Voltage Protection
Under Voltage Protection
Short Circuit and Over Current Protection



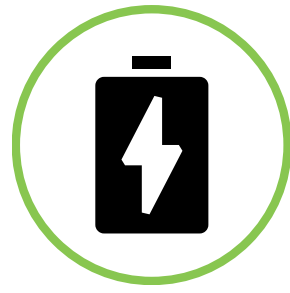
Longer Lasting LiFePO4 Battery



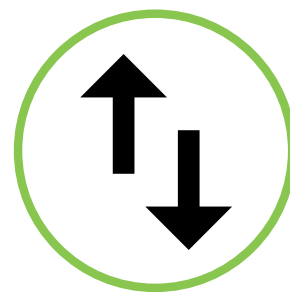
Powerful Pure Sine Wave Inverter



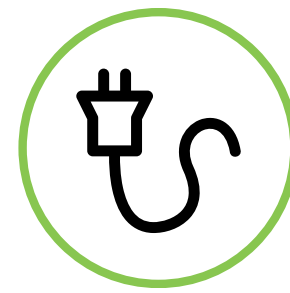
Power System for Home or Office



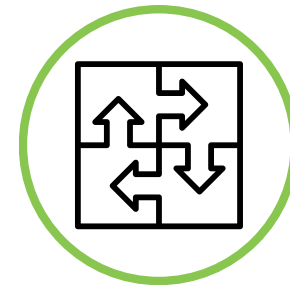
2.56 kWh Total Energy



2500 VA / 2500 W Inverter



Easy accessible outlet plugs



Sleek integrated Battery Design



Lightweight, compact and easy to move

