

3KVA 2.75 KWH LITHIUM COMPACT POWER STATION WITH HUBBLE AM-4

KEY FEATURES

- Rentech Axpert VM3000 3kVA 2.4kW Inverter
- Pure Sine Wave Solar Inverter with 3 outlet plugs
- Built in MPPT controller for solar capabilities
- Hubble AM4 25V 2.75kW Lithium Battery
- Integrated Battery Management System (BMS)
- Long battery lifespan (3000 cycles at 100% DoD or 6000 cycles at 50% DoD)
- No installation required Plug and Play unit with the option to wire it into the DB Board
- Easy to use and move with strong castor wheels
- Overload and Short circuit protection
- Sleek integrated battery design
- System can be upgraded by adding another battery at a later stage
- 18 month Inverter warranty
- 10 year or 3000 cycle warranty on Battery



3KVA 2.5KWH LITHIUM COMPACT POWER STATION

Dimensions (D x W x H)	50 x 55 x 54
Weight	40 kg

INVERTER SPECIFICATIONS: RENTECH AXPERT VM 3000

POWER

Rated Power	3000 VA / 2400 w
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INPUT

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

OUTPUT

AC Voltage Regulation	230 VAC Approx. 5%
Surge Power	6000 VA
Efficiency (Peak)	20 ms (typical)
Transfer Time	10 ms (for Computers) 20 ms (for Home Appliances)
Waveform	Pure Sine Wave

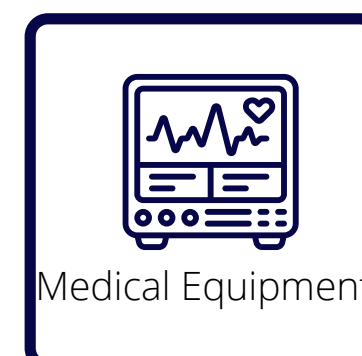
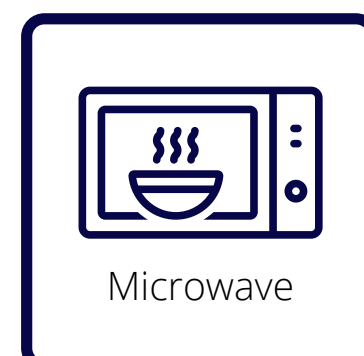
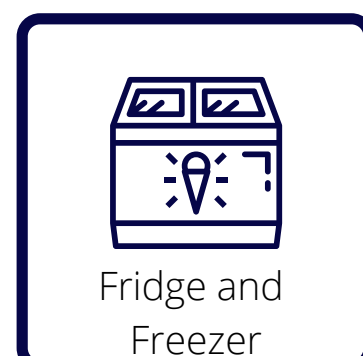
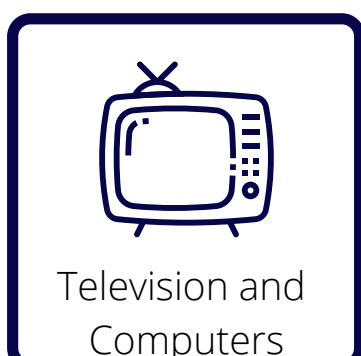
SOLAR CHARGER & AC CHARGER

Solar Charge Type	MPPT
Max PV Array Power	1300 W (4 X 275W panels) Sold Separately
MPP Range @ Operating Voltage	30 - 80 VDC
Max. Solar Charge Current	40 A
Max. AC Charge Current	25 A
Max. Charge Current (Total)	60 A

OPERATING ENVIRONMENT

Humidity	5% to 95% Relative Humidity (non-condensing)
Operating Temperature	-10 to 50
Storage Temperature	-15 to 60
Noise Level	Cooling fan runs continuously. Do not store in low noise areas such as bedrooms

TECHNICAL SPECIFICATIONS



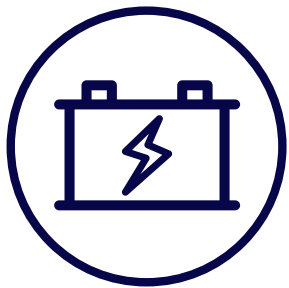
BATTERY SPECIFICATIONS: HUBBLE AM-4 2.75KWH LITHIUM-ION

GENERAL INFORMATION

Battery Type	New Lithium-Ion prismatic cells
Normal Voltage	25.0 V
Rated Capacity	100 Ah
Total Energy	2.75kWh
Discharge cut off Voltage	22.0V
Equilized Charge Voltage	29V
Max. continuous charging Current	100 A
Max. continuous discharge Current	100 A
C Rating	1 C
Dimensions (D x W x H)	14.7 x 37.5 x 37.1
Battery Weight	21 kg
Cells	New Lithium-Ion prismatic cells
Design Life	± 15 years
Cycle Life	± 3000 cycles @ 100% DoD, Above 6000 cycles @ 50% DoD
Ports	1x CAN-bus, 2x RS-485 Battery Link ports, 1x RS-232

PROTECTION

- Electronic Circuit Breaker
- BMS Voltage Protection
- Current Limiting



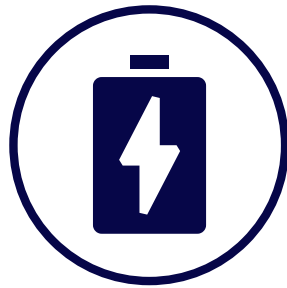
Longer Lasting Lithium Battery



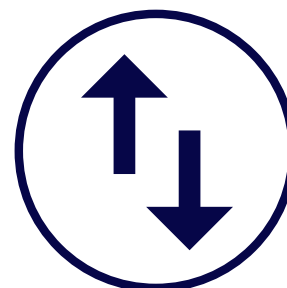
More powerful Pure Sine Wave Inverter



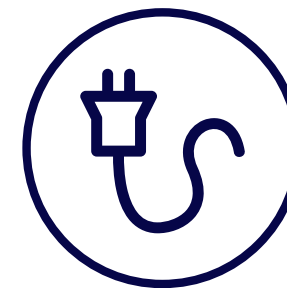
Back-Up Power for Home or Office



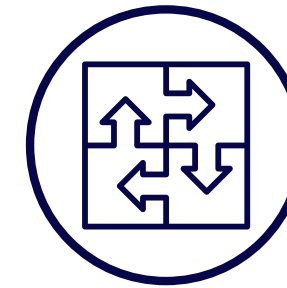
2.75 kWh Total Energy



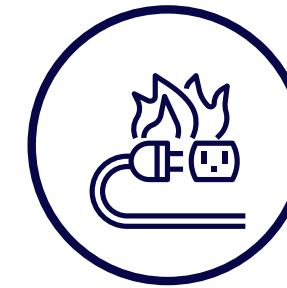
3000 VA / 2400W Inverter



Three Outlet Plugs



Sleek integrated Battery Design



BMS Voltage Protection

