



5KVA 5.5KWH LITHIUM COMPACT POWER STATION

KEY FEATURES

- RCT Axpert King II Off-Grid Inverter - 5000W
- Pure Sine Wave Solar Inverter with 3 outlet plugs
- Built-in 6000W MPPT solar charge controller
- Zero transfer time for critical loads like medical equipment
- Built-in Wi-Fi for remote monitoring
- High PV input voltage range
- Hubble X-101 51V 5.5kWh Lithium Battery (1C)
- Space in cabinet for a 2nd Hubble 5.5kWh Battery
- Advanced BMS with current limiting function
- Long battery lifespan (3000 cycles at 100% DoD)
- Sleek integrated battery design
- No installation required, easy to use Plug and Play unit
- Can be connected to your DB Board by qualified electrician
- Castor wheels for easy relocation
- Overload and Short circuit protection
- 10 (ten) year / 3000 cycle Battery warranty
- 12 month inverter warranty



5KVA 5.5KWH LITHIUM COMPACT POWER STATION

Dimensions (W x H x D) 55 x 49 x 57

Weight (unit only) ±70 kg

INVERTER SPECIFICATIONS: RCT AXPERT KING II OFF-GRID INVERTER 5KVA

POWER

Rated Output Power 5000VA / 5000w

AC INPUT

Voltage 230 VAC

Voltage Range 110 - 280 VAC

Frequency Range 55Hz / 60Hz

LOAD OUTPUT

AC Voltage Regulation 230 VAC ± 5%

Frequency Range (Synchronised Range) 46-54 Hz or 56 -64 Hz

Frequency Range (Batt. Mode) 50 Hz / 60 Hz

Transfer Time 0ms

Output Waveform Pure Sine Wave

SOLAR CHARGER & AC CHARGER

Solar Charge Type MPPT

Max PV Array Power 6000W

MPP Range @ Operating Voltage 120 - 450 VDC

Max PV Array OPen Circuit Voltage 500 VDC

Max. AC Charge Current 100 A

Max. Charge Current (Total) 100A

INTERFACE

Parallel Function Yes - Up to 9 units

Communication Port USB / RS232/ RS485 / WI-FI / DRY-CONTACT

Storage Temperature -15 to 60

Noise Level Low

TECHNICAL SPECIFICATIONS

BATTERY SPECIFICATIONS: HUBBLE 51V 5.5kWh Lithium-Ion Battery with CAN-bus

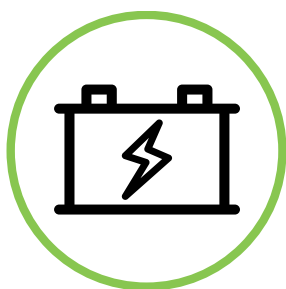
GENERAL INFORMATION

Battery Type	Lithium-Ion
Normal Voltage	51V
Rated Capacity	110 Ah
Total Energy	5.5kWh
Equilised Charge Voltage	53.6V
Max. Continuous Charging Current	100A
Max. Continuous Discharging Current	100A
C Rating	1.0C
Design Life	Approx. 15 years
Dimensions (D x W x H)	53 cm x 45 cm x 18cm
Weight	42kg
Protection Class	Electronic circuit breaker,BMS voltage protection, Current Limiting
Working Temp. Range	Recharge 0 to + 55
Humidity	0 - 95 % RH (non-condensing)
Ports	1x CAN-bus; 2X R/S-485 Battery link ports; 1X RS232

PROTECTION

- Electronic circuit Breaker
- BMS voltage Protection
- Current Limiting

Product specifications might change without prior notice



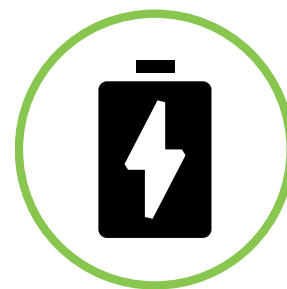
Longer Lasting Lithium Battery



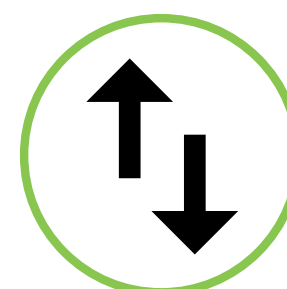
More powerful Pure Sine Wave Inverter



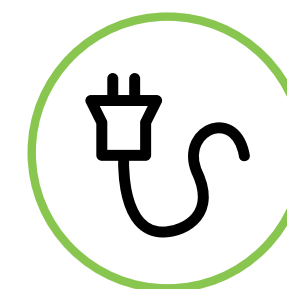
Power System for Home and Business



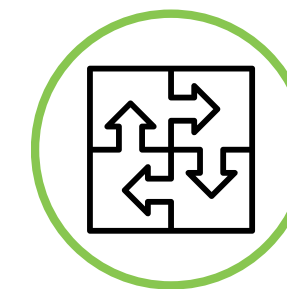
5.5 kWh Total Energy



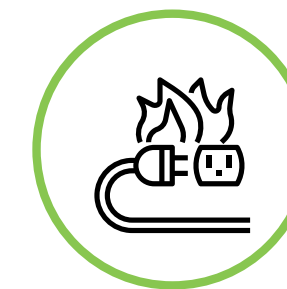
5000 VA / 5000W



Three Outlet Plugs



Sleek integrated Battery Design



Built in short circuit protection and Overload Protection

