



# 6KVA 5.5KWH LITHIUM COMPACT POWER STATION

## KEY FEATURES

- RCT Axpert MKS 4 TWIN 6000W Off-Grid Inverter
- Pure Sine Wave Solar Inverter with 3 outlet plugs
- Built-in 6000W MPPT solar charge controller
- Dual outputs for smart load management
- Built-in Wi-Fi for remote monitoring
- Customisable status LED ring with RGB lights
- 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



### 6KVA 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 MKS 4 TWIN OFF-GRID INVERTER 6KVA

#### POWER

Rated Output Power	6000VA / 6000W
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#### AC INPUT

Voltage	230 VAC
Selectable Voltage Range	170 + 280 VAC (Personal Computers) / 90 - 280 VAC (Appliances)
Frequency Range	55Hz / 60Hz

#### OUTPUT

AC Voltage Regulation	230 VAC ± 5%
Overload Capacity	5s@>150% load; 10s@110-% ~150% load; 100ms @ > 200% load
Efficiency (Peak)	93%
Transfer Time	10 ms (for Computers)   20 ms (for Home Appliances)
Output Waveform	Pure Sine Wave

#### SOLAR CHARGER & AC CHARGER

Solar Charge Type	MPPT
Max PV Array Power	6000W
MPP Range @ Operating Voltage	120 - 500 VDC
Max. Solar Charge Current	120 A
Max. AC Charge Current	120 A
Max. Charge Current (Total)	120 A

#### 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

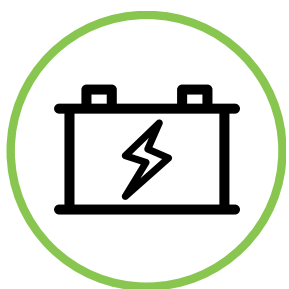
### PROTECTION

Electronic circuit Breaker

BMS voltage Protection

Current Limiting

Product specifications might change without prior notice



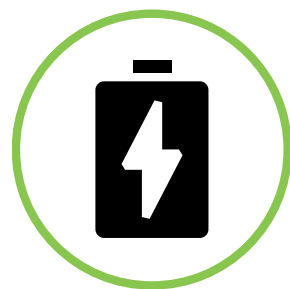
Longer Lasting Lithium Battery



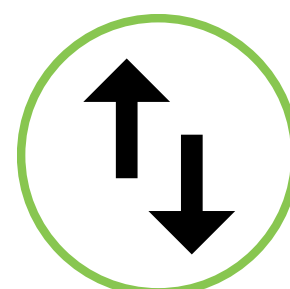
More powerful Pure Sine Wave Inverter



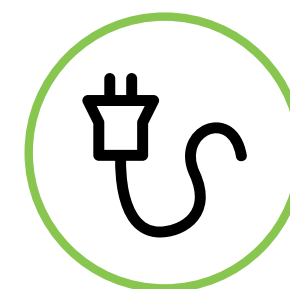
Power System for Home and Business



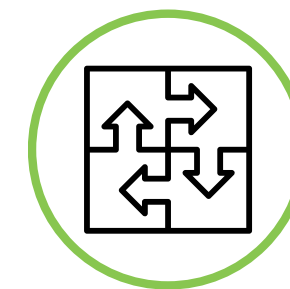
5.5 kWh Total Energy



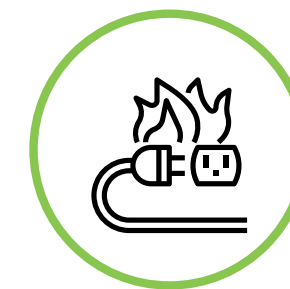
6000 VA / 6000W Inverter



Three Outlet Plugs



Sleek integrated Battery Design



Built in short circuit protection and Overload Protection

