

Axpert King Off-Grid Inverter



Zero transfer time to protect mission-critical loads such as servers and ATM.



Detachable LCD control module with multiple communications



Built-in Bluetooth for mobile monitoring (Android App is available)



Supports USB On-the-Go function



Reserved communication port for BMS (RS485, CAN-BUS or RS232)



Configurable AC/PV output usage timer and prioritisation



Parallel operation up to 9 units

Axpert King 3k & 5K Model

		AXPERT KING 3K	AXPERT KING 5K
MODEL	Rated Power	3000VA/3000W	5000VA/5000W
	Parallel Capability	Up to 9 units	Up to 9 units
INPUT	Voltage	230 VAC	230 VAC
	Voltage Range	110-280 VAC	110-280 VAC
	Frequency Range	50Hz/60Hz (Auto sensing)	50Hz/60Hz (Auto sensing)
OUTPUT	AC Voltage Regulation	230 VAC \pm 5%	230 VAC \pm 5%
	Output THDv	<3% for linear load <8% for non-linear load	<3% for linear load <8% for non-linear load
	Surge Power	6000VA for 5 sec	10 000VA for 5 sec
	Efficiency (Peak)	93% at Line Mode 90% at Battery Mode	93% at Line Mode 90% at Battery Mode
	Transfer Time	0ms	0ms
	Waveform	Pure sine wave	Pure sine wave
BATTERY	Battery Voltage	24 VDC	48 VDC
	Floating Charge Voltage	27 VDC	54 VDC
	Overcharge Protection	34 VDC	66 VDC
SOLAR CHARGER & AC CHARGER	Solar Charger Type	MPPT	MPPT
	Maximum PV Array Open Circuit Voltage	145 VDC	145 VDC
	Maximum PV Array Power	1500W	4000W
	MPP Range @ Operating Voltage	30~115 VDC	60~115 VDC
	Maximum Solar Charge Current	60A	80A
	Maximum AC Charge Current	60A	60A
	Maximum Charge Current	120A	140A
PHYSICAL	Dimension, D x W x H (mm)	140 x 303 x 525	140 x 303 x 525
	Net Weight (kg)	13,0	13,5
	Communication Interface	USB / RS232 / RS485 / Bluetooth / Dry-contact	USB / RS232 / RS485 / Bluetooth / Dry-contact
ENVIRONMENT	Humidity	5% to 95% Relative Humidity (Non-condensing)	5% to 95% Relative Humidity (Non-condensing)
	Operating Temperature	0°C to 55°C	0°C to 55°C
	Storage Temperature	-15°C to 60°C	-15°C to 60°C

Product specifications are subject to change without further notice.

If you have any questions about the Axpert King Off-Grid Inverter, contact us at: info@voltex.co.za or **011 879 2000**

www.voltex.co.za