

Hybrid Inverter with Grid Feeding

# Krypton Eco 4000



Model: 3kW-24-pV4000

Grid Feed **3kW**



In Built Wifi



Intelligent Load Management



Grid Feeding



Batteryless Operation



Battery Management System



Easy-to-install

- Pure sine wave solar inverter
- Reserved communication port for BMS
- Wide PV input range



Reliable

- Battery independent design
- Maximum charging current 100A
- Built-in anti-dust kit
- Feed into grid



User-Friendly

- Battery equalization function to optimize battery performance and extend lifecycle
- Battery management system

Technical Datasheet

<b>KNOX SERIES</b>	<b>Krypton Eco 4000</b>
<b>MODEL</b>	3kW-24-pV4000
Rated Power	4000VA / 4000W
Battery Mode Power	2500W
PV+Bat Output Power	3000W
<b>INPUT</b>	
Voltage	230 VAC
Selectable Voltage Range	184 - 264 or 195.5 - 253 VAC
Frequency Range	50Hz/60Hz(Auto sensing)
<b>OUTPUT</b>	
AC Voltage Regulation (Batt. Mode)	230VAC ±5%
Surge Power	6000VA
Efficiency (Peak)	93%
Transfer Time	10ms (For Personal Computers);20ms (For Home Appliances)
Waveform	Pure sine wave
<b>BATTERY</b>	
Battery Voltage	24VDC
Floating Charge Voltage	27VDC
Overcharge Protection	32VDC
<b>SOLAR CHARGER &amp; AC CHARGER</b>	
Solar Charger Type	MPPT
Maximum PV Array Open Circuit Voltage	450VDC
Maximum PV Array Power	4000W
MPP Range @ Operating Voltage	30-400VDC
PV Rated Current	13A
Max. Input Current (Isc)	16A
Maximum Solar Charge Current	80A
Maximum AC Charge Current	80A
Maximum Charge Current	80A
<b>PHYSICAL</b>	
Dimension, D x W x H (mm)	95x288x357
Net Weight (kgs)	7.1
Communication Interface	RS232/RS485,WiFi
<b>ENVIRONMENT</b>	
Humidity	5%to 95%Relative Humidity(Non-condensing)
Operating Temperature   Storage Temperature	-10°C to 50°C   -15°C to 60°C