

On-Grid Inverter with Energy Storage

Krypton Eco 4000



Model: 3kW-24-pV4000

Grid Feed **3kW**



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

KNOX SERIES	Krypton Eco 4000
MODEL	3kW-24-pV4000
Rated Power	4000VA / 4000W
Battery Mode Power	2500W
PV+Bat Output Power	3000W
INPUT	
Voltage	230 VAC
Selectable Voltage Range	184 - 264 or 195.5 - 253 VAC
Frequency Range	50Hz/60Hz(Auto sensing)
OUTPUT	
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
BATTERY	
Battery Voltage	24VDC
Floating Charge Voltage	27VDC
Overcharge Protection	32VDC
SOLAR CHARGER & AC CHARGER	
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
PHYSICAL	
Dimension, D x W x H (mm)	95x288x357
Net Weight (kgs)	7.1
Communication Interface	RS232/RS485, optional WiFi
ENVIRONMENT	
Humidity	5% to 95% Relative Humidity (Non-condensing)
Operating Temperature Storage Temperature	-10°C to 50°C -15°C to 60°C