



هایبرد
Hybrid

FUNCTION DISPLAY

INV AC FAULT

ESC UP DOWN ENTER

SUNS
صن قایم
Inverter Charger
& Charge Controller

2000w/24v
50A Charger

www.zayelsolar.com

SUN5 PWM INVERTER/CHARGER

Off-grid inverter with PWM solar charge controller

1 Solar Power and AC Power available



SUN5 PWM Inverter Guide.

MODEL	SUN5 2K
Rated Power	2000W
INPUT	
Voltage	230 VAC
Selectable Voltage Range	170-280 VAC (For Personal Computers) 90-280 VAC (For Home Appliances)
Frequency Range	50 Hz/60 Hz (Auto sensing)
OUTPUT	
AC Voltage Regulation (Batt. Mode)	230VAC \pm 5 %
Surge Power	4000VA
Efficiency (Peak)	93%
Transfer Time	10 ms (For Personal Computers) 20 ms (For Home Appliances)
Waveform	Pure sine wave
BATTERY	
Battery Voltage	24 VDC
Floating Charge Voltage	27 VDC
Overcharge Protection	31 VDC
SOLAR CHARGER & AC CHARGER	
Maximum PV Array Open Circuit Voltage	80VDC
Standby Power Consumption	2 W
Maximum Solar Charge Current	50A
Maximum AC Charge Current	20 A
Maximum Charge Current	50 A
PHYSICAL	
Dimension, D x W x H (mm)	88x225x315
Net Weight (kgs)	5.5
OPERATING ENVIRONMENT	
Humidity	5% to 95% Relative Humidity(Non-condensing)
Operating Temperature	0°C - 55°C
Storage Temperature	-15°C - 60°C