

هايبريد  
Hybrid



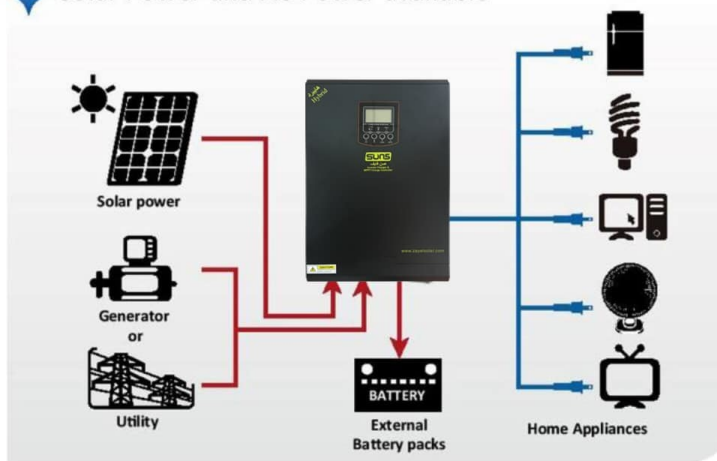
صن فايف  
Inverter Charger  
& MPPT Charge Controller

3000w/24v  
MPPT 60A

[www.zayelsolar.com](http://www.zayelsolar.com)

# SUN5 MPPT SOLAR INVERTER

1 Solar Power and AC Power available



## SUN5 MPPT INVERTER GUIDE.

MODEL	Sun5 3kw mppt plus
Rated Power	3000W
<b>INPUT</b>	
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)
<b>OUTPUT</b>	
AC Voltage Regulation (Batt. Mode)	230VAC ± 5%
Surge Power	6000VA
Efficiency (Peak)	90% - 93%
Transfer Time	10 ms (For Personal Computers) 20 ms (For Home Appliances)
Waveform	Pure sine wave
<b>BATTERY</b>	
Battery Voltage	24 VDC
Floating Charge Voltage	27 VDC
Overcharge Protection	31 VDC
<b>SOLAR CHARGER &amp; AC CHARGER</b>	
Maximum PV Array Power	1500 W
MPPT Range @ Operating Voltage	30~ 115 VDC
Maximum PV Array Open Circuit Voltage	145 VDC
Maximum Solar Charge Current	60A
Maximum AC Charge Current	60A
Maximum Efficiency	98%
Standby Power Consumption	2 W
<b>PHYSICAL</b>	
Dimension, D x W x H (mm)	100x300x440
Net Weight (kgs)	11
<b>OPERATING ENVIRONMENT</b>	
Humidity	5% to 95% Relative Humidity(Non-condensing)
Operating Temperature	0°C - 55°C
Storage Temperature	-15°C - 60°C