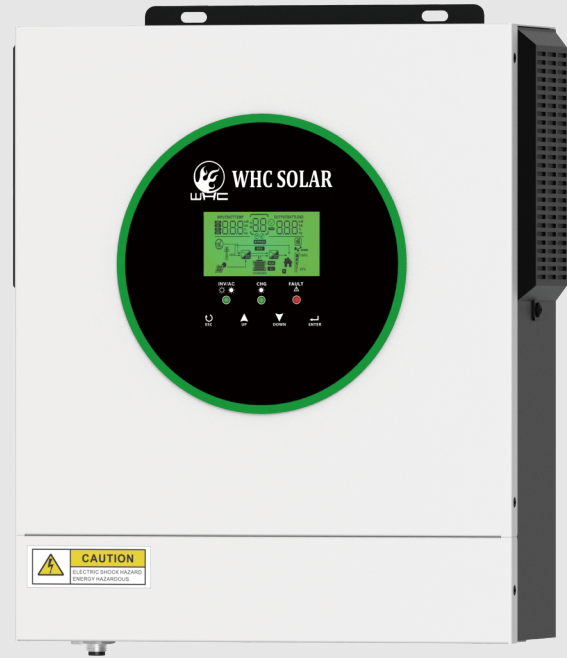


# HYBRID SOLAR INVERTER HIM 1K/1.5K



## Features

- Pure sine wave solar inverter
- Built-in 40A MPPT solar charger
- PV input voltage range 20-150VDC(for 1000W), 30~150VDC(for 1500W)
- Built-in anti-dust kit for harsh environment
- Smart battery charge design to optimize battery life
- Meet rich customized demands
- Solar energy is provided directly to the load first



**Max.Efficiency**  
98%



**IP21 Ingress Protection**



**40A MPPT**



**LCD Display**



**Product Data Sheet**

Model	HIM 1K	HIM 1.5K
RATED POWER	1000W/1000VA	1500W/ 1500VA
<b>AC Input</b>		
Voltage	230VAC	
Selectable Voltage Range	170~280VAC(For Personal Computers)	
	90~280VAC(For Home Appliances)	
Frequency Range	50 Hz/60Hz(Auto sensing)	
<b>AC OUTPUT</b>		
AC Voltage Regulation	230VAC±5%	
Surge Power	2000 VA	3000VA
Efficiency(Peak)PV to INV	98%	
Efficiency(Peak)Battery to INV	94%	
Transfer Time	10 ms (For Personal Computers);20 ms (For Home Appliances)	
<b>BATTERY &amp; AC CHARGER</b>		
Battery Voltage	12VDC	24VDC
Floating Charge Voltage	13.5VDC	27VDC
Overcharge Protection	16VDC	32VDC
Maximum AC Charge Current	40A	
<b>SOLAR CHARGER</b>		
Maximum PV Array Power	550W	1080W
MPPT Range @ Operating Voltage	20~150VDC	30~150VDC
Maximum PV Array Open Circuit Voltage	150VDC	
Maximum Solar Charging Current	40A	
Maximum (AC+Solar) Charging Current	80A	
<b>PHYSICAL</b>		
Dimension,D*W*H(mm)	286*240*91	
Cartoon Dimension,D X W XH(mm)	335*295*145	
Net Weight(kgs)	3	3.5
Gross Weight(kgs)	3.5	4