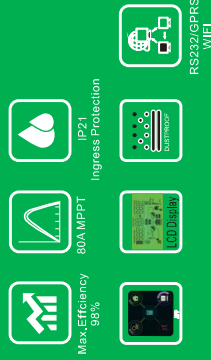


OFF GRID SOLAR INVERTER

MKS SERIES

On/Off Grid Solar Inverter



» Features

- Pure sine wave solar inverter
- WIFI&GPRS available for IOS and Android
- Built-in 80A MPPT Solar charger
- High PV input voltage range(30~400VDC)
- Built-in anti-dust kit for harsh environment
- Smart battery charge design to optimize battery life
- Meet rich customized demands
- Compatible with lithium battery
- Solar energy is provided directly to the load first



» Product Data Sheet

MODEL	MKS-2000-12	MKS-3200-24
RATED POWER	2000VA/1600W	3200VA/3000W
AC Input Voltage	230VAC	
Selectable Voltage Range	170~280VAC(For Personal Computers) 90~280VAC(For Home Appliances)	
Frequency Range	50 Hz/60Hz(Auto sensing)	
AC OUTPUT		
AC Voltage Regulation	230VAC±5%	
Surge Power	4000VA	6400VA
Efficiency(Peak)PV to INV	98%	
Efficiency(Peak)Battery to INV	94%	
Transfer Time	10 ms (For Personal Computers);20 ms (For Home Appliances)	
BATTERY		
Battery Voltage	12VDC	24VDC
Floating Charge Voltage	13.5VDC	27VDC
Overcharge Protection	16VDC	33VDC
SOLAR CHARGER & AC CHARGER		
Solar Charger Type	MPPT	
Maximum PV Array Power	3000W	3000W
MPPT Range @ Operating Voltage	30~400VDC	
Maximum PV Array Open Circuit Voltage solar	400VDC	
Max Input Current	1/13A	
Maximum Solar Charging Current	80A	
Maximum AC Charging Current	60A	
Maximum Solar+AC Charging Current	80A	
PHYSICAL		
Dimension,D*W*H(mm)	357*273*95	
Carton Dimension,D X W X H(mm)	435*335*165	
Net Weight(kgs)	4.6	4.8
Gross Weight(kgs)	5.6	5.8
Communication interface	RS232/GPRS/WIFI	
ENVIRONMENT		
Humidity	5% to 95% Relative Humidity(Non-condensing)	
Operating Temperature	-10℃~50℃	
STANDARD		
Compliance Safety	CE	