

IRRI SOL Gold inverter



SY 3.2K



Max. Efficiency
98%



80A MPPT



RS232/GPRS
WIFI



IP21
Ingress Protection

Features

- Pure sine wave solar inverter
- Output power factor SY2.0K=0.8/SY3.2K>0.9
- 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 the rich customize needs of customers
- Compatible with lithium battery
- Solar energy is provided directly to the load first

Model	SY2.0K	SY3.2K
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 & AC CHARGER		
Battery Voltage	12VDC	24VDC
Floating Charge Voltage	13.5VDC	27VDC
Overcharge Protection	16VDC	33VDC
Maximum AC Charge Current	60A	
SOLAR CHARGER		
Maximum PV Array Power	2000W	3000W
MPPT Range @ Operating Voltage	30-400VDC	
Maximum PV Array Open Circuit Voltage	400VDC	
Maximum Charging Current	80A	
PHYSICAL		
Dimension, D*W*H (mm)	370*280*100	
Cartoon Dimension, D X W X H (mm)	440*340*180	
Net Weight (kgs)	5.5	5.8
Communication interface	RS232/GPRS/WIFI	
OPERATING ENVIRONMENT		
Humidity	5% to 95% Relative Humidity (Non-condensing)	
Operating Temperature	-10 ~ 50°C	