



Max.Efficiency
98%



80A MPPT



RS232/GPRS
WIFI



IP21
Ingress Protection

Model	LW-INV-HY-3.2KW
RATED POWER	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	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	24VDC
Floating Charge Voltage	27VDC
Overcharge Protection	33VDC
Maximum AC Charge Current	60A
SOLAR CHARGER	
Maximum PV Array Power	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 XH(mm)	440*340*180
Dimensions of mounting holes(mm)	145- Ø 5x2
Net Weight(kgs)	5.5
Gross Weight(kgs)	6.2
Communication interface	RS232/GPRS/WIFI
OPERATING ENVIRONMENT	
Humidity	5% to 95% Relative Humidity(Non~condensing)
Operating Temperature	-10 ~50℃



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-in80A 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
- Compatibe with lithium battery
- Solar energy is provided directly to the load first