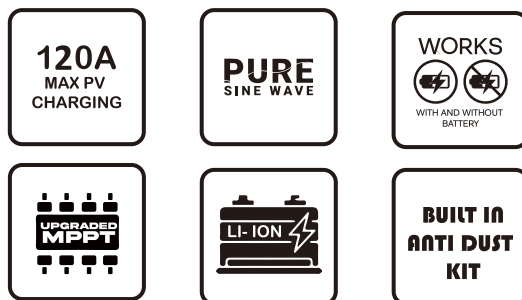




Features

- Pure sine wave solar inverter(on/off Grid)
- Output power factor 1.0
- WIFI&GPRS available for IOS and Android
- Inverter running without battery
- One-key restoration to factory Settings
- Built-in Lithium battery automatic activation
- Built-in 120A(for 3.6KW/6.2KW)
- MPPT:Max 6200W(3.6KW),Max 4200W(for 4.2KW), Max 6500W(for 6.2KW)solar charge
- High PV input voltage range(60~450VDC) Built-in anti-dusk kit for harsh environment
- Smart battery charge design to optimize battery life
- Dual output

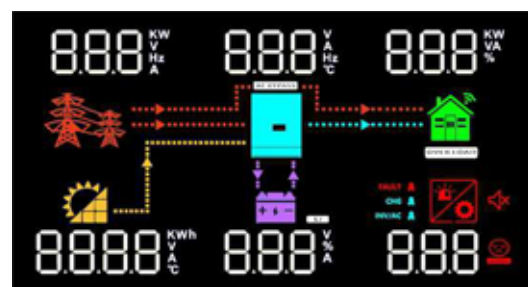


RGB LIGHT

RGB lighting for different working mode
RGB automatically switches with the



LCD Display



WIFI&GPRS available for ios and Android



MODEL	LW-INV-HY-6.2KW
Maximum PV Input Power	6500W
Rated Output Power	6200W
Maximum Solar Charging Current	120A
GRID-TIE OPERATION	
PV Input(DC)	
Nominal DC Voltage/Maximum DC Voltage	360VDC/500VDC
Start-up Voltage/Initial Feeding Voltage	90VDC/120VDC
Maximum DC Voltage	60~450VDC
Number of MPPT Trackers/Maximum Input Current	1/27A
GRID OUTPUT(AC)	
Nominal Output Voltage	220/230/240VAC
Output Voltage Range	195.5~253VAC
Nominal Output Current	27.0A
Power Factor	>0.99
Feed-in Grid Frequency Range	49~51±1Hz
EFFICIENCY	
Maximum Conversion Efficiency(Solar to AC)	98 %
TWO LOAD OUTPUT POWER(V2.0)	
Full Load	6200W
Maximum Main Load	6200W
Maximum Second Load(battery mode)	2067W
Main Load Cut Off Voltage	44VDC
Main Load Return Voltage	54VDC
OFF-GRID OPERATION	
AC INPUT	
AC Start-up Voltage/Auto Restart Voltage	120-140VAC/180VAC
Acceptable Input Voltage Range	90-280VAC or 170-280VAC
Maximum AC Input Current	40A
Nominal operating frequency	50/60Hz
Surge power	12400 W
BATTERY MODE OUTPUT(AC)	
Nominal Output Voltage	220/230/240VAC
Output Waveform	Pure sine wave
Efficiency(DC to AC)	94%
BATTERY & CHARGER	
Nominal DC Voltage	48VDC
Maximum Charging Current (Solar to AC)	120A
Maximum AC Charging Current	100A
GENERAL	
PHYSICAL	
Dimension,D x W x H(mm)	440*355*115
Cartoon Dimension,D X W XH(mm)	505*420*190
Dimensions of mounting holes(mm)	185-Ø 5x2
Net Weight(kgs)	9.1
Gross Weight(kgs)	10.0
INTERFACE	
Communication Port	RS232/WIFI/GPRS
ENVIRONMENT	
Operating Temperature	-10 ~50℃