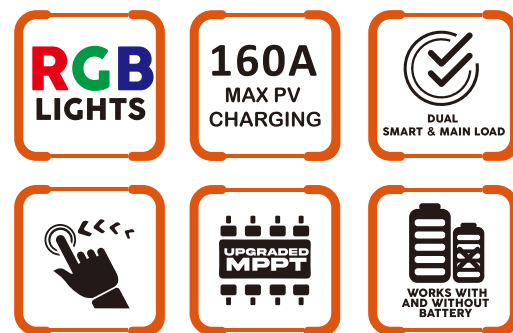




Features

- 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-click restoration to factory Settings
- Built-in Lithium battery automatic activation
- Built-in 160A MPPT solar charger
- High PV input voltage range(90~450VDC)
- Built-in anti-dust kit for harsh environment
- Smart battery charge design to optimize battery life
- Dual output
- Touch button

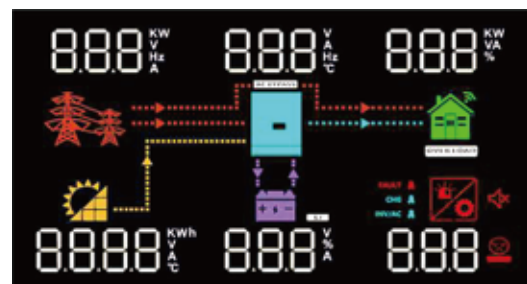


RGB LIGHT

RGB lighting for different working mode
RGB automatically switches with the



LCD Display



WIFI&GPRS available for ios and Android



MODEL	LW-INV-HY-10.2KW
Maximum PV Input Power	10200W
Rated Output Power	10200W/10200VA
Maximum Solar Charging Current	160A
GRID-TIE OPERATION	
PV Input(DC)	
Nominal DC Voltage/Maximum DC Voltage	360VDC/500VDC
Start-up Voltage/Initial Feeding Voltage	90VDC/120VDC
MPPT Voltage Range	90VDC~450VDC
Number of MPPT Trackers/Maximum Input Current	1/27A
GRID OUTPUT(AC)	
Nominal Output Voltage	220/230/240VAC
Output Voltage Range	195~253VAC
Nominal Output Current	44.3A
Power Factor	>0.99
Feed-in Grid Frequency Range	49~51±1Hz
EFFICIENCY	
Maximum Conversion Efficiency(DC/AC)	98%
TWO LOAD OUTPUT POWER	
Full Load	10200W
Maximum Main Load	10200W
Maximum Second Load(battery mode)	3400W
Main Load Cut Off Voltage	44VDC
Main Load Return Voltage	48VDC
OFF-GRID OPERATION	
AC INPUT	
AC Start-up Voltage/Auto Restart Voltage	120-140VAC/180VAC
Acceptable Input Voltage Range	280VAC or 170-280VAC
Maximum AC Input Current	50A
Nominal operating frequency	50/60Hz
Surge power	20400W
PV INPUT(DC)	
Maximum DC Voltage	500VDC
MPPT Voltage Range	90VDC~450VDC
Number of MPPT Trackers/Maximum Input Current	1/27A
BATTERY MODE OUTPUT(AC)	
Nominal Output Voltage	48VDC
Output Waveform	Pure sine wave
Efficiency(DC to AC)	94%
BATTERY & CHARGER	
Nominal DC Voltage	48VDC
Maximum Solar Charging Current	160A
Maximum AC Charging Current	160A
GENERAL	
PHYSICAL	
Dimension,D x W x H(mm)	555*405*135
Cartoon Dimension,D X W XH(mm)	620*465*215
Dimensions of mounting holes(mm)	255- Ø 5x2
Net Weight(kgs)	14.9
Gross Weight(kgs)	16.5
INTERFACE	
Communication Port	RS232/ WIFI/Remove LCD/GPRS
ENVIRONMENT	
Operating Temperature	-10 ~50℃