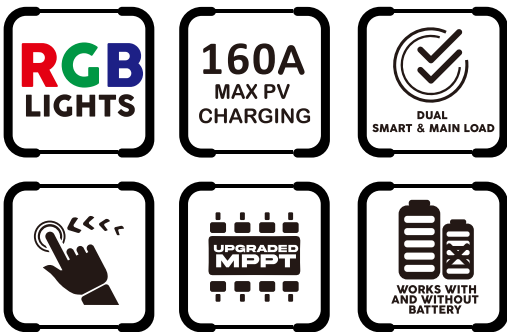




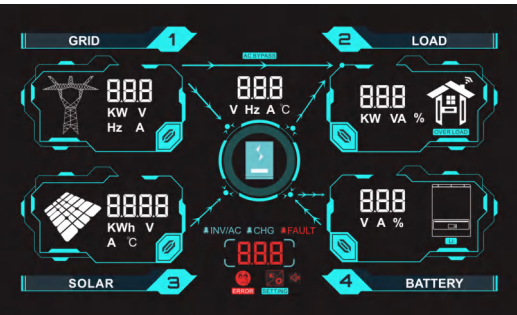
HYBRID SOLAR INVERTER (EVO SERIES)

Features of Module

- Pure sine wave solar inverter
- Self-consumption and feed-in to the grid.
- Inverter running without battery.
- One-key restoration to factory settings.
- With function of Lithium battery automatic activation by PV
 - Bulit-in 160A MPPT solar controller
- (High PV input voltage range(90-450VDC).
- Built-in anti-dusk kit for harsh environment.
- Smart battery charge design to optimize battery life.
- Dual output
- Touch button
- WIFI available for IOS and Android.



LCD Display



WIFI&GPRS Available for IOS and Android



AN-SCI-EVO-10200

RGB LIGHT

RGB lighting for different working modes

RGB automatically switches under different working modes of inverter:
Battery mode: red;
Utility mode: blue;
PV mode: purple;



Model	AN-SCI-EVO-10200		
RATED POWER	10200W		
Maximum PV Input Power	10800W		
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	90-450VDC		
Number of MPPT Trackers/Maximum Input Current	2/18A		
GRID OUTPUT (AC)			
Nominal Output Voltage	220/230/240VAC		
Output Voltage Range	195.5-253VAC		
Nominal Output Current	44.3A		
Power Factor	>0.99		
Feed-in Grid Frequency Range	49-51±1Hz/59-61±1Hz		
EFFICIENCY			
Maximum Conversion Efficiency(Solar to 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	90-280VAC or 170-280VAC		
Maximum AC Input Current	50A		
Nominal Operating Frequency	50/60Hz		
Surge Power	20400W		
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)	160A		
Maximum AC Charging Current	160A		
GENERAL PHYSICAL			
Dimension, D x W x H (mm)		530*390*130mm	
Net Weight (kgs)		14.5kg	
INTERFACE			
Communication Interface	WIFI		
OPERATING ENVIRONMENT			
Humidity	5% to 95% Relative Humidity(Non-condensing)		
Operating Temperature	-10°C - 50°C		
Storage Temperature	-15°C - 60°C		