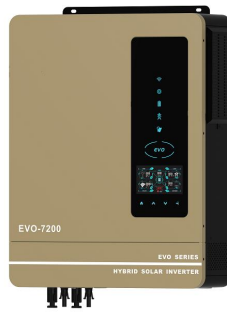


Specification & Price List for Hybrid Inverter with inbuilt MPPT Controller (SCI-EVO-7200/8200/10200 series)-Jun-2023

Key Features:

- ◆ Pure Sine Wave Solar Hybrid Inverter;
- ◆ Be able to run without battery;
- ◆ One-key restoring to factory default settings;
- ◆ Built-in Lithium battery automatic activation;
- ◆ Built-in 160A MPPT solar controller(for 10.2KW), 140A(for 7.2KW);
- ◆ Max 7500W & 10800W solar input power respectively;
- ◆ Wide PV input voltage range (90-450VDC);
- ◆ Built-in anti-dusk kit for harsh environment.
- ◆ Smart battery charge design to maximize battery lifespan
- ◆ Dual PV Input & AC output;
- ◆ WIFI available for IOS and Android systems.



Model	SCI-EVO-7200	SCI-EVO-8200	SCI-EVO-10200
RATED POWER	7200W	8200W	10200W
Maximum PV Input Power	7500W	8200W	10800W
GRID-TIED OPERATION			
PV INPUT (DC)			
Nominal DC Voltage/Maximum DC Voltage	360VDC/500VDC		
Start-up Voltage/Initial Feeding Voltage	90VDC/120VDC		
MPPT DC Voltage Range	90-450VDC		
Number of MPPT Trackers/Maximum Input Current	1/27A	1/27A	2/18A
GRID OUTPUT (AC)			
Nominal AC Output Voltage	220/230/240VAC		
AC Output Voltage Range	195.5-253VAC		
Nominal AC Output Current	31.3A	35.6A	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 LOADS OUTPUT POWER			
Full Load	7200W	8200W	10200W
Maximum Main Load	7200W	8200W	10200W
Maximum Second Load (battery mode)	2400W	2733W	3400W
Main Load Cut Off Voltage	44VDC	44VDC	44VDC
Main Load Return Voltage	48VDC	48VDC	48VDC
OFF-GRID OPERATION			
AC Start-up Voltage/Auto Restart Voltage	120-140VAC/180VAC		
Acceptable AC Input Voltage Range	90-280VAC or 170-280VAC		
Maximum AC Input Current	40A	40A	50A
Nominal Operating Frequency	50/60Hz		
Surge Power	14400W	16400W	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	48VDC	48VDC
Maximum Charging Current(Solar to AC)	140A	160A	160A
Maximum AC Charging Current	120A	140A	160A
GENERAL			
Dimension, D x W x H (mm)	500*390*130mm	500*390*130mm	530*390*130mm
Net Weight (kgs)	13.1kg	13.1kg	14.5kg
Communication interface	WIFI		
Humidity	5% to 95% Relative Humidity (Non-condensing)		
Operating Temperature	-10°C - 50°C		
Storage Temperature	-15°C - 60°C		
Warranty	2 Years		