



Model	SCI-EVO-7200	SCI-EVO-10200
RATED POWER	7200W	10200W
Maximum PV Input Power	7500W	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	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	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	10200W
Maximum Main Load	7200W	10200W
Maximum Second Load (battery mode)	2400W	3400W
Main Load Cut Off Voltage	44VDC	44VDC
Main Load Return Voltage	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	50A
Nominal Operating Frequency	50/60Hz	
Surge Power	14400W	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	24VDC	48VDC
Maximum Charging Current(Solar to AC)	140A	160A
Maximum AC Charging Current	120A	160A
GENERAL		
Dimension, D x W x H (mm)	500*390*130mm	530*390*130mm
Net Weight (kgs)	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	