



Model	SCI-EVO-3600	SCI-EVO-6200
RATED POWER	3600W	6200W
Maximum PV Input Power	6200W	6500W
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	
GRID OUTPUT (AC)		
Nominal AC Output Voltage	220/230/240VAC	
AC Output Voltage Range	195.5-253VAC	
Nominal AC Output Current	15.7A	27.0A
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	3600W	6200W
Maximum Main Load	3600W	6200W
Maximum Second Load (battery mode)	1200W	2067W
Main Load Cut Off Voltage	22VDC	44VDC
Main Load Return Voltage	26VDC	52VDC
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	30A	40A
Nominal Operating Frequency	50/60Hz	
Surge Power	7200W	12400W
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)	120A	
Maximum AC Charging Current	100A	
GENERAL		
Dimension, D x W x H (mm)	420*350*110mm	450*350*110mm
Net Weight (kgs)	9	10
Communication interface	WIFI	
Humidity	5% to 95% Relative Humidity (Non-condensing)	
Operating Temperature	-10°C - 50°C	
Storage Temperature	-15°C - 60°C	