

MPPT SOLAR INVERTER AN-SCI-EVO 4200/6200L



»» Features

- Pure Sine Wave Solar Inverter;
- Be able to run without battery;
- One-key restoring to factory default settings;
- With function of Lithium battery automatic activation by AC & PV;
- Built-in MPPT solar controller, max charge current 120A;
- Wide PV input voltage range;
- Dual AC output;
- Built-in anti-dusk kit for harsh environment;
- Smart battery charge design to maximize battery lifespan;
- WIFI remote monitoring (optional);
- RGB lights

MODEL	AN-SCI-4200L	AN-SCI-6200L
RATED POWER	4200W	6200W
Phase	1-phase in /1-phase out	
Maximum PV Input Power	6200W	8000W
PV/DC INPUT		
Nominal DC Voltage/Maximum DC Voltage	360VDC/500VDC	
Start-up Voltage/Initial Feeding Voltage	90VDC/120VDC	
MPPT Voltage Range	60-450VDC	
Number of MPPT Trackers/Maximum Input Current	1/27A	
AC OUTPUT		
Nominal Output Voltage	220/230/240VAC	
Output Voltage Range	195.5-253VAC	
Nominal Output Current	27A	
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	4200W	6200W
Maximum Main Load	4200W	6200W
Second Load Range	840W-2940W	1240W-4340W
Main Load Cut-Off Voltage	22VDC	44VDC
Main Load Return Voltage	26VDC	52VDC
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	30A	40A
Nominal Operating Frequency	50/60Hz	
Surge Power	8400W	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	120A	
PHYSICAL		
Dimension, Dx WxH (mm)	423*344*112	423*344*112
Net Weight (kg)	7.2	8.2
GENERAL DATA		
Communication Interface	WIFI	
Humidity	5% to 95% Relative Humidity(Non-condensing)	
Operating Temperature	-10°C~50°C	
Storage Temperature	-15°C~60°C	