

MPPT Solar Inverter EVO Series 2000VA 3200VA Parameter

Model	SCI-EVO-2000	SCI-EVO-3200
Rated Power	2000VA/1600W	3200VA/3000W
Surge Power	4000VA	6400VA
Battery Voltage	12VDC	24VDC
Maximum PV Array Power	2000W	3000W
Dimension: D x W x H (mm)	360*270*100mm	390*270*100mm
Selectable Voltage Range	170-280 VAC/90-280 VAC	
Frequency Range	50 Hz/60 Hz (Auto sensing)	
MPPT Range Operating Voltage	30-400VDC	
Transfer Time	10 ms/20 ms	
Maximum Charging Current	80A	
Communication interface	WIFI	

MPPT Solar Inverter EVO Series 2000VA 3200VA Advantages

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Input Voltage Range: 30VDC-400VDC

Wide Range of Input Voltage

- Max 2000W & 3000W solar input power respectively.
- Wide PV input voltage range (30-400VDC), lowest voltage only 30V.



Capable of Lasting Operation

- Compatible with lithium battery.
- Intelligent battery charging designed to maximise battery life.

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LCD Display

- Operating parameters can be viewed directly on the display.
- Pure sine wave solar hybrid inverter.
- Built-in MPPT solar controller, max charge current 80A.

WI-FI Monitoring



WI-FI Monitoring

- Remote monitoring and operation can be achieved through the mobile APP.
- WIFI available for IOS and Android systems.
- Built-in anti-dusk kit for harsh environment

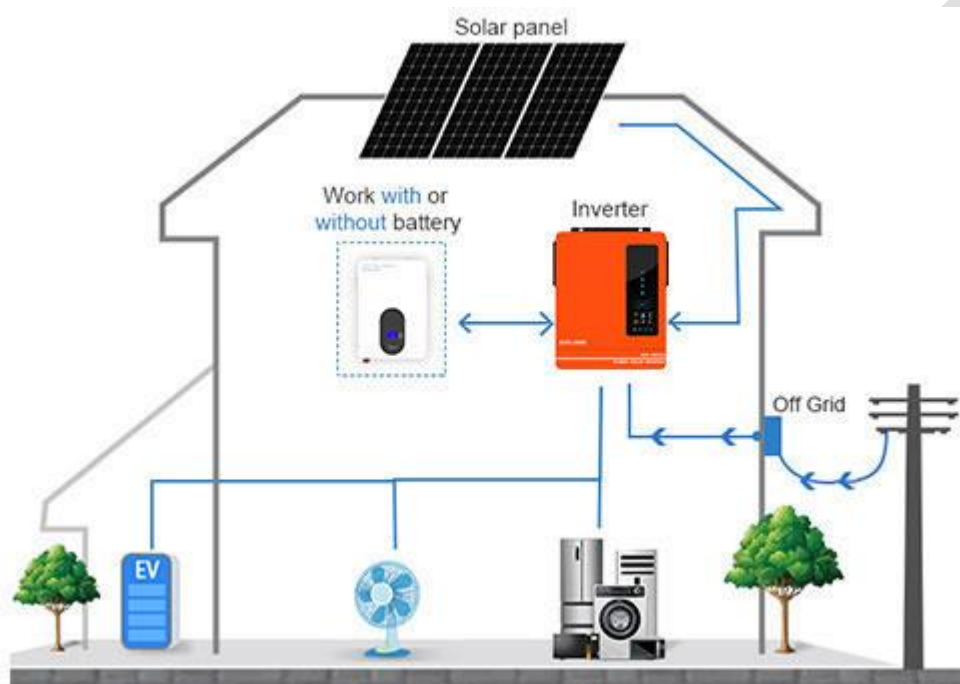
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Hybrid Solar Inverter EVO Series 4.2KW 6.2KW Parameter

Model	SCI-EVO-4200	SCI-EVO-6200
Rated Power	4200W	6200W
Maximum PV Input Power	6200W	6500W
Dimension: D x W x H (mm)	420*350*110mm	450*350*110mm
Net Weight (kgs)	9	10
Grid-Tied Operation		
Output Voltage Range	195.5-253VAC	
Nominal DC Voltage/Maximum DC Voltage	360VDC/500VDC	
Start-up Voltage/Initial Feeding Voltage	90VDC/120VDC	
MPPT DC Voltage Range	60-450VDC	
Number of MPPT Trackers/Maximum Input Current	18A	22A
Off-Grid Operation		
Surge Power	8400W	12400W
AC Start-up Voltage/Auto Restart Voltage	120-140VAC / 180VAC	
Acceptable Input Voltage Range	90-280VAC / 170-280VAC	
Nominal Operating Frequency	50/60Hz	

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Advantages of Hybrid Solar Inverter EVO Series 4.2KW 6.2KW



Off Grid Hybrid Inverter

- Dual AC output.
- Off grid hybrid inverters have passed ISO9001, CE, ROHS, TUV, and other certifications.

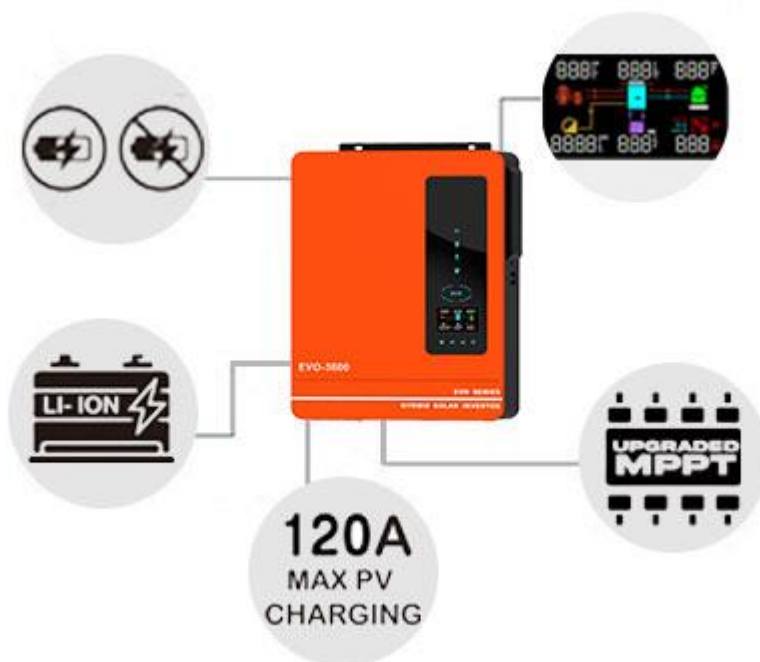
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Intelligent Charging



Direct Start Without Batteries

- Able to run without batteries.
- Built-in lithium battery automatic activation.
- Smart battery charge design to maximize battery lifespan.



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Built-In MPPT Solar Controller

- Max charge current 120A.
- Max 6200W & 6500W solar input power respectively.
- Wide PV input voltage range (90-450VDC).



WiFi Communication

- WiFi available for IOS and Android systems.
- Remote monitoring and operation via Mobile App.

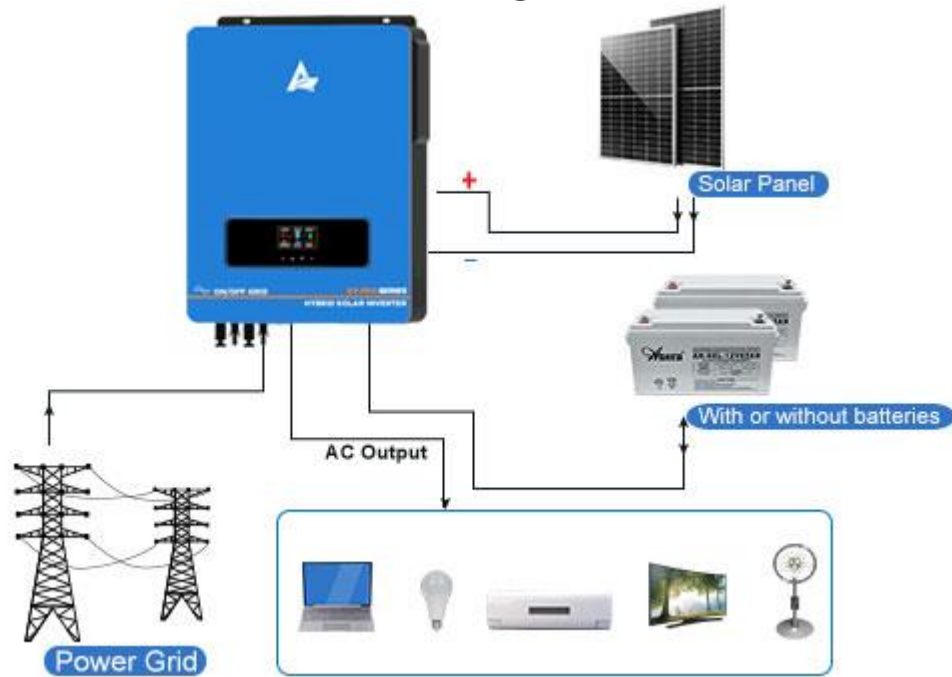
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Hybrid Solar Inverter EX-Pro 7.2KW-10.2KW

Model	EX-Pro-7200	EX-Pro-8200	EX-Pro-10200
Rated Power	7200W	8200W	10200W
Maximum Solar Charging Current	160A	160A	180A
GRID-TIED OPERATION PV Input(DC)			
Maximum DC Voltage	360VDC/500VDC		
Start-up Voltage	90VDC/120VDC		
MPPT Voltage Range	90V-450VDC		
Maximum Input Current	1/27A		
Output Voltage Range	195-253VAC		
Two Load Output Power			
Full Load	7200W	8200W	10200W
Maximum Main Load	7200W	8200W	10200W
Maximum Second Load(battery mode)	2400W	2733W	3400W
OFF-GRID OPERATION AC Input			
AC Start-up Voltage	120-140VAC/180VAC		
Acceptable Input Voltage Range	90-280VAC or 170-280VAC		
Nominal Operating Frequency	50/60Hz		
Surge Power	14400W	16400W	20400W

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Hybrid Solar Inverter EX-Pro 7.2KW-10.2KW Advantages



Exclusive R&D of Anern

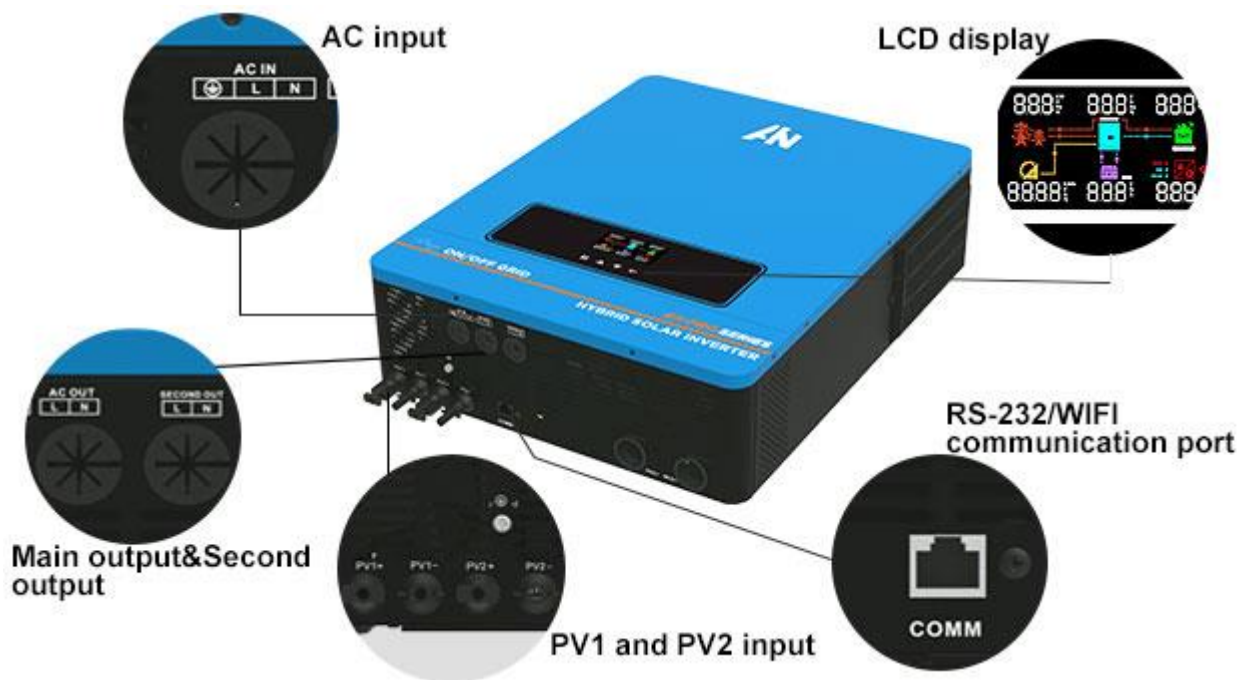
- Pure sine wave frequency converter.
- Anern patented design.



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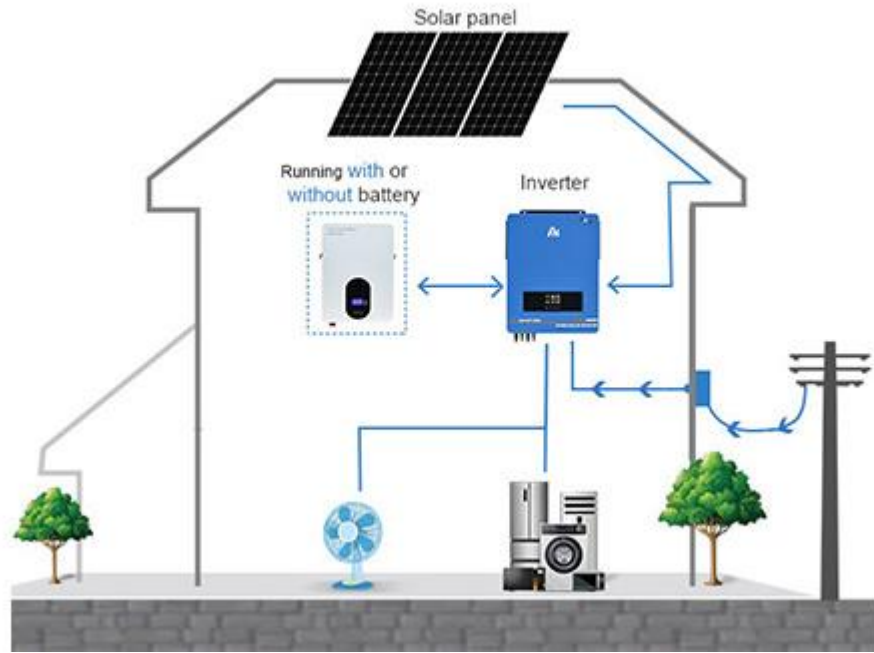
Touch Button

- Easily to set up the parameters by LCD.
- Configurable AC/Solar Charger priority via LCD setting.
- With touch button.



Dual PV Input

- Inverse-control integrated design.
- Easy to connect solar panels and reduce the use of the bus box.
- The controlled consistency of the machine is better.



Double AC output

- The main output of Anern EX-Pro series hybrid solar inverter can be connected to the load of rated power, and the secondary output can be connected to the load of one-third of rated power.
- Retain the secondary output to ensure uninterrupted power supply for the necessary load.