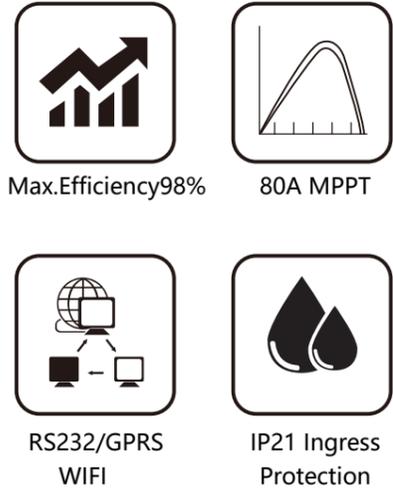


HYBRID SOLAR INVERTER (EVO SERIES)



Features of Module

- Pure sine wave solar inverter
- Output power factor 1.0
- Built-in 80A MPPT solar controller
- Max 2000W(for 2000KVA) & 3000W(for 3200KVA) solar charge
- High PV input voltage range(30-400VDC)
- Built-in anti-dusk kit for harsh environment
- Smart battery charge design to optimize battery life
- Compatible with lithium battery
- WIFI available for IOS and Android

Model	AN-SCI-EVO-2000	AN-SCI-EVO-3200
RATED POWER	2000KVA/1600W	3200KVA/3000W
AC INPUT		
Voltage	230VAC	
Selectable Voltage Range	170-280 VAC (For Personal Computers) 90-280 VAC (For Home Appliances)	
Frequency Range	50 Hz/60 Hz (Auto sensing)	
AC OUTPUT		
AC Voltage Regulation (Batt. Mode)	230VAC ± 5%	
Surge Power	4000VA	6400VA
Efficiency (Peak) PV to INV.	98%	
Efficiency (Peak) Battery to INV.	94%	
Transfer Time	10 ms (For Personal Computers); 20 ms (For Home Appliances)	
Waveform	Pure Sine Wave	
BATTERY & AC CHARGER		
Battery Voltage	12VDC	24VDC
Floating Charge Voltage	13.5VDC	27VDC
Overcharge Protection	16VDC	33VDC
Maximum AC Charge Current	60A	
SOLAR CHARGER		
Maximum PV Array Power	2000W	3000W
MPPT Range @ Operating Voltage	30-400VDC	
Maximum PV Array Open Circuit Voltage	400VDC	
Maximum Charging Current	80A	
PHYSICAL		
Dimension, D x W x H (mm)	360*270*100mm	390*270*100mm
Net Weight (kg)	4.4	5.4
INTERFACE		
Communication Interface	WIFI	
OPERATING ENVIRONMENT		
Humidity	5% to 95% Relative Humidity(Non-condensing)	
Operating Temperature	-10°C - 50°C	
Storage Temperature	-15°C - 60°C	