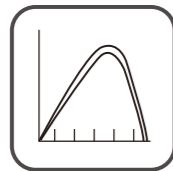


OFF GRID SOLAR INVERTER (EVO SERIES)



Max. Efficiency 98%



80A MPPT



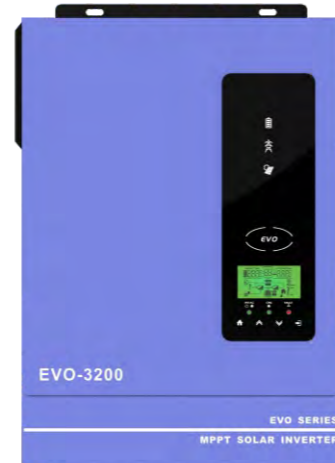
RS232/GPRS
WIFI



IP21 Ingress
Protection



AN-SCI-EVO-2000



AN-SCI-EVO-3200

Features of Module

- Pure sine wave solar inverter
- Output power factor 1.0
- Built-in 80A MPPT solar controller
- Max 2000W & 3000W solar input power respectively
- 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

Model	AN-SCI-EVO-2000	AN-SCI-EVO-3200
RATED POWER	2000VA/1600W	3200VA/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

OPERATING ENVIRONMENT

Humidity	5% to 95% Relative Humidity (Non-condensing)
Operating Temperature	-10°C - 50°C
Storage Temperature	-15°C - 60°C