

# OFF GRID SOLAR INVERTER (AN-SCI-ES SERIES)



**AN-SCI-ES-1000**



**AN-SCI-ES-1500**

### Features of Module

- Pure sine wave solar inverter
- Built-in 40A MPPT solar charger
- PV input voltage range 20-150VDC(for 1000W), 30-150VDC(for 1500W)
- Built-in anti-dust kit for harsh environment
- Smart battery charging design to optimize battery life
- Meet various customized demands



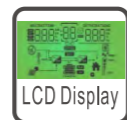
Max. Efficiency  
98%



40A MPPT



IP21  
Ingress Protection



LCD Display

Model	AN-SCI-ES-1000	AN-SCI-ES-1500
RATED POWER	1000W	1500W
<b>AC INPUT</b>		
Voltage	230VAC	
Selectable Voltage Range	170-280VAC(For Personal Computers)	
	90-280VAC(For Home Appliances)	
Frequency Range	50 Hz/60Hz(Auto sensing)	
<b>AC OUTPUT</b>		
AC Voltage Regulation	230VAC±5%	
Surge Power	2000VA	3000VA
Efficiency(Peak)PV to INV	98%	
Efficiency(Peak)Battery to INV	94%	
Transfer Time	10 ms (For Personal Computers);20 ms (For Home Appliances)	
<b>BATTERY &amp; AC CHARGER</b>		
Battery Voltage	12VDC	24VDC
Floating Charging Voltage	13.5VDC	27VDC
Overcharging Protection	16VDC	32VDC
Maximum AC Charging Current	40A	
<b>SOLAR CHARGER</b>		
Maximum PV Array Power	600W	1200W
MPPT Range @ Operating Voltage	20-150VDC	30-150VDC
Maximum PV Array Open Circuit Voltage	150VDC	150VDC
Maximum Solar Charging Current	40A	
Maximum (AC+Solar) Charging Current	80A	
<b>PHYSICAL</b>		
Dimension,D*W*H(mm)	286*240*91	
Carton Dimension,D*W*H(mm)	335*295*145	
Net Weight(kgs)	3	3.5
Gross Weight(kgs)	3.5	4
<b>OPERATING ENVIRONMENT</b>		
Humidity	5% to 95% Relative Humidity(Non-condensing)	
Operating Temperature	-10°C - 50°C	
Storage Temperature	-15°C - 60°C	