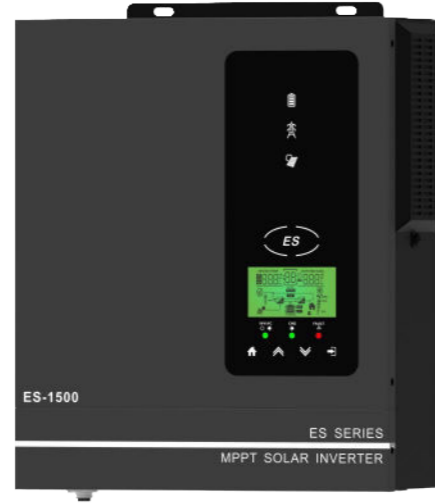


OFF GRID SOLAR INVERTER (AN-SCI-ES SERIES)


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 charge design to optimize battery life
- Meet rich customized demands
- Solar energy is provided directly to the load first


 Max.Efficiency
98%


40A MPPT


 IP21
Ingress Protection


LCD Display



Model	AN-SCI-ES-1000	AN-SCI-ES-1500
RATED POWER	1000W/1000VA	1500W/1500VA
AC INPUT		
Voltage	230VAC	
Selectable Voltage Range	170-280VAC(For Personal Computers) 90-280VAC(For Home Appliances)	
Frequency Range	50 Hz/60Hz(Auto sensing)	
AC OUTPUT		
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)	
BATTERY & AC CHARGER		
Battery Voltage	12VDC	24VDC
Floating Charge Voltage	13.5VDC	27VDC
Overcharge Protection	16VDC	32VDC
Maximum AC Charge Current	40A	
SOLAR CHARGER		
Maximum PV Array Power	550W	1080W
MPPT Range @ Operating Voltage	20-150VDC	30-150VDC
Maximum PV Array Open Circuit Voltage	150VDC	3400W
Maximum Solar Charging Current	40A	
Maximum (AC+Solar) Charging Current	80A	
PHYSICAL		
Dimension,D*W*H(mm)	286*240*91	
Cartoon Dimension,D*W*H(mm)	335*295*145	
Net Weight(kgs)	3	3.5
Gross Weight(kgs)	3.5	4