

AN-SCIO2 ARUZE 1500

SAMSUN[®] SOLAR

SOLAR HYBRID INVERTER MPPT BASED 1500VA/12V



Great
Power Saving
Up To 30%



User friendly
Interface



Battery Charge At
Very Low Voltage
Till 90v



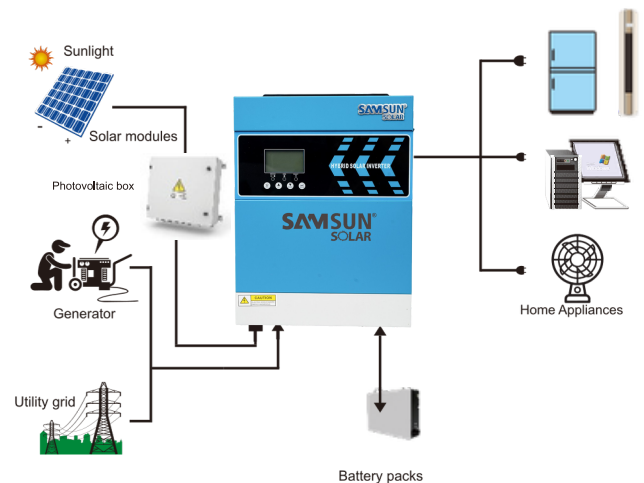
Backup Time
More Than 12%



»» Features

- Pure Sine Wave Output
- Intelligent LCD Display
- Configurable AC/Solar Charging Priority
- Configurable Battery Charging Current
- Wide MPPT Input Voltage Range (90VDC–430VDC)
- Compatible with Utility Power & Generator
- Automatic Restart During AC Recovery
- Built-in Overload Protection
- Short Circuit Protection
- Over Temperature Protection
- Smart Battery Charging Technology
- WiFi Monitoring (Optional)
- Supports Lithium Batteries
- High Efficiency MPPT Solar Charger
- Easy Installation & User Friendly Operation

»» Solar System Connection



»» Overview



PC



TV



Electric fan



FM Radio



Solar Power

»» Product Data Sheet

MODEL	AN-SCI02 Azure-1500
Rated Power	1500VA / 1500W
INPUT	
Rated Voltage	230VAC
Selectable Voltage Range	170-280VAC (For Personal Computers) 90-280VAC (For Home Appliances)
Frequency Range	50Hz / 60Hz (Auto Sensing)
OUTPUT	
AC Voltage Regulation (Batt. Mode)	230VAC $\pm$ 5%
Surge Power	3000VA
Efficiency (Peak) PV to INV.	97%
Efficiency (Peak) Battery to INV.	94%
Transfer Time	10ms (For Personal Computers) 20ms (For Home Appliances)
Waveform	Pure Sine Wave
BATTERY & AC CHARGER	
Battery Voltage	12VDC
Floating Charge Voltage	13.5VDC
Overcharge Protection	16VDC
Maximum AC Charging Current	60A
SOLAR CHARGER	
Maximum PV Array Power	2000W
MPPT Range @ Operating Voltage	90 ~ 430VDC
Maximum PV Array Open Circuit Voltage	450VDC
Maximum Charging Current	80A
Maximum Efficiency	98%
PHYSICAL	
Dimension, D x W x H (mm)	348 x 270 x 95
Net Weight (kgs)	4.0
Communication Interface	WiFi (Optional)
OPERATING ENVIRONMENT	
Humidity	5% to 95% Relative Humidity (Non-condensing)
Operating Temperature	0°C to 55°C
Storage Temperature	-15°C to 60°C