

## SUNAURA 300M / 500M / 750M / 1000M / 1500M

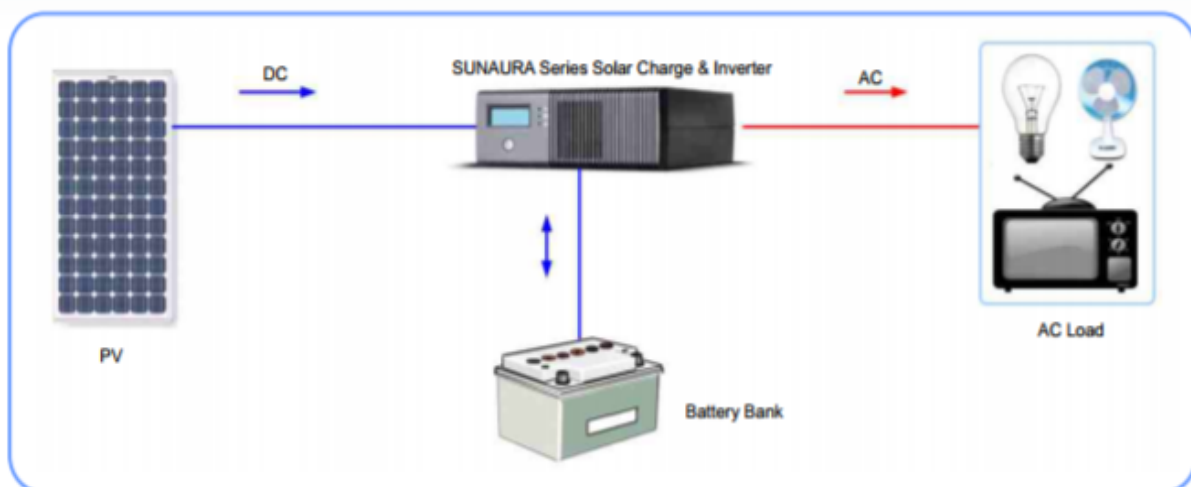


### Features

- Green energy, eco-friendly
- Integrated controller and inverter, easy installation
- Safety and stable power supply
- Intelligent battery management, modified sine wave output
- Multiple protections e.g. DC/AC over voltage, over current, over temperature, short circuit protections, etc
- LCD digital display
- Can support 30~80W electric fan based on the rated output power of SUNAURA series

### Description

SUNAURA series modified sine wave off-grid inverter integrates solar controller and inverter, easy installed, simple and useful. The system can directly convert DC electricity of solar modules to AC electricity of terminal load, solving the basic power supply problems. This series is especially applied for places without electricity or certain applications e.g. Family power supply, field work, travel sites, night market stalls, etc.



## Technical data

Model	SUNAUORA 300M	SUNAUORA 500M	SUNAUORA 750M	SUNAUORA 1000M	SUNAUORA 1500M
<b>Battery</b>					
Battery type	Lead-acid battery				
Rated voltage (VDC)	12			24	
Rated capacity (VDC)	13.7			27	
<b>Solar controller</b>					
Max. PV input power(W)	300	600	900	1200	1500
PV input voltage range (V)	14~30			27~55	
Max. charge current (A)	40				
<b>Inverter</b>					
Output voltage (Vac)	110/220/230/240±5%				
Output frequency (Hz)	50/60±3%				
Rated output power	300	500	750	1000	1500
Output wave	Modified sine wave				
Under voltage protection point (VDC)	10			20	
Over load capacity	100~125% 10min, 125~150% 1min				
<b>System</b>					
Display	LCD+LED				
Display content	PV indicator, battery capacity, AC voltage, load percentage				
Inverter protection	AC over voltage, AC short circuit, DC over voltage, DC under voltage, over temperature, etc				
Cooling method	Air cooling				
Operating temperature range (°C)	-10~+40 (>40°C derating)				
Relative humidity in operation	0~95% (no condensing)				
Storage temperature range (°C)	-15~+50				
Max. operating altitude	<2000 (above 2000m, derated according to GB/T 3859.2)				
Noise emission [dB (A)]	<50 (at 1 meter)				
Ingress protection rating	IP20				
Dimension (W*H*D mm)	275*248*87				
Weight (kg)	1.65	1.75	1.82	1.95	2.15