

SOLAR INVERTER

SinePro

Ammini Solar Offers stand-alone inverter with built-in solar charge controllers. These solar inverters provide both AC and DC output, making it an ideal choice for small home power generators, in which both AC and DC appliances can be connected. These Solar Power Systems.

SinePro Solar Inverters are specially designed to meet low idle current consumption, high reliability etc. SinePro Solar Inverters consume very little power for its own consumption when compared to other conventional inverters.



FEATURES

- Microprocessor controlled
- Solar power operated
- Built-in charge controller with PWM charging
- Pure sine wave output
- Built in over voltage and short circuit protections
- Excellent indications
- Stable output voltage and frequency
- Wall mounting type
- Energy saving force air cooling fan

TECHNICAL SPECIFICATION

Brand name	SinePro-150	SinrPro-300	SinePro-500	
General				
Application	Solar electrification, Solar Power Systems			
Operating Temperature	-10°C to 50°C			
System Input Voltage	12V DC	12V DC	12V DC	24V DC
System working voltage range	11V DC to 15V DC	11V DC to 15V DC	11V to 15V DC	22V to 29V DC
System Output voltage	230V AC			
System Output Frequency & Waveform	50Hz, Pure Sine wave			
Indications	Inverter ON, PV charging, Low battery, Over Temperature, Over Load			
Solar Charge Controller (Built-in)				
SCC Charging Current	10A	10A	10A	Nil
Protections	Over charge, Reverse PV Polarity			
Inverter				
Nominal Power	150VA	300VA	500VA	
Surge Power	200% of Nominal Power for 2 seconds			
Efficiency Max.	>80%			
Protections	Over Temperature, Over load			
DC Load				
DC load Current	Nil	10A Max.	10A Max.	Nil
Protections	Short Circuit, Deep Battery Discharge			
Shipping Details				
Dimension	310 X 160 X 110 mm	360 X 200 X 120 mm	360 X 260 X 160 mm	
Weight	4 Kg	8 Kg	18 Kg	

ORDERING INFORMATION

Ordering Code	Model	Input Voltage	Solar Charger	DC load	Output Power
042-001	SIN-MAAB0A	12V, DC	10A	Nil	150VA
042-002	SIN-MBBB0A	12V, DC	10A	10A	300VA
042-003	SIN-MCBB0A	12V, DC	10A	10A	500VA
042-004	SIN-MBBBBBA	12V, DC	10A	10A	300VA
042-005	SIN-NCB00A	24V, DC	Nil	Nil	500VA