INVERTER

ATA SOLAR INVERTER

1200 - 3500 - 5500 VA

POWER FACTOR 1

SOLAR INPUT MPPT



ATA 1.200VA



ATA 3.500VA - ATA 5.500VA

Main Specifications

- Pure sinewave MPPT solar inverter
- Power Factor 1
- High PV Input Voltage Range
- Battery equalization function to optimize battery performance and extend lifecycle
- Selectable high power charging current
- Configurable AC/Solar input priority
- Compatible with generator
- Auto restart while AC is recovering
- Cold start function

Specifications

Model	ATA Solar Inverter 1.200	ATA Solar Inverter 3.500	ATA Solar Inverter 5.500
Code	FINVATA1202	FINVATA3502	FINVATA5502
Rated Power	1.200VA / 1.200W	3.500VA / 3.500W	5.500VA / 5.500W
Input			
Voltage	230 VAC		
Selectable Voltage Range	170-280 VAC (For Personal Computers) ; 90-280 VAC (For Home Appliances)		
Frequency Range	50 Hz/60 Hz (Auto sensing)		
Output			
ACVoltage Regulation(Batt. Mode)	230VAC ‡ 5%		
Surge Power	2.000VA	7.000VA	11.000VA
Efficiency (Peak)	90% ~ 93%	up to 93.5%	
Transfer Time	10 ms (For Personal Computers) ; 20 ms (For Home Appliances)		
Waveform	Pure sinewave		
Battery			
Battery Voltage	12 Vdc	24 Vdc	48 Vdc
Floating Charge Voltage	13.5 Vdc	27 Vdc	54 Vdc
Overcharge Protection	16 Vdc	33 Vdc	63 Vdc
Solar Charger & AC Charger			
Solar Charger Type	MPPT		
Maximum PV Array Open Circuit Voltage	102 Vdc	500 Vdc	
Maximum PV Array Power	700 W	5500 W	
MPPT Range @ Operating Voltage	80~170 Vdc	120~450 Vdc	
Maximum Solar Charge Current	50 A	100 A	
Maximum AC Charge Current	20 A	80 A	
Maximum Charge Current	60 A	100 A	
Physical			
Dimension, D x W x H (mm)	103x225x320	115x300x400	
Net Weight	4.4 Kg	8.5 Kg	9 Kg
Communication Interface	RS232	USB/RS232/Dry Contact	
Environment			
Humidity	5% to 95% Relative Humidity (Non-condensing)		
Operating Temperature	-10°C to 50°C		
Storage Temperature	-15°C to 60°C		

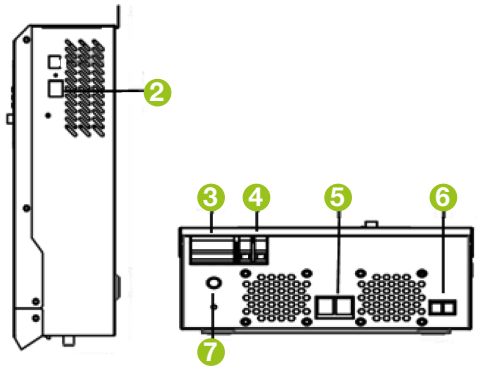
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High Italian Quality

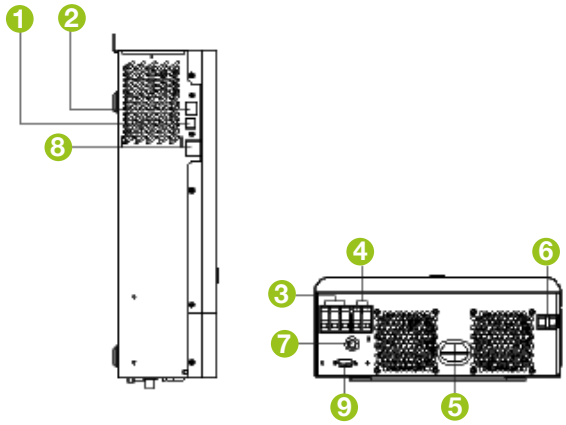
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RoHS COMPLIANT CE

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ATA 1.200VA

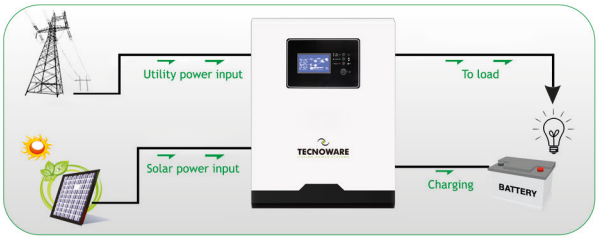


ATA 3.500VA - ATA 5.500VA

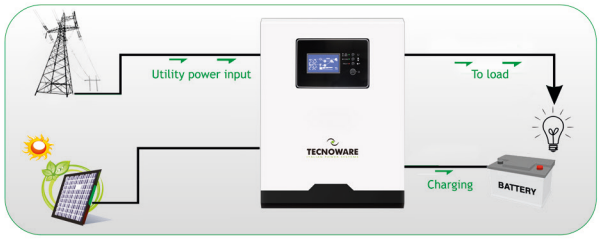
1 USB communication port 2 RS-232 communication port 3 AC input 4 AC output 5 Battery input 6 PV input 7 Circuit breaker 8 Generator dry contact 9 WIFI port

Hybrid Operation

With mains and photovoltaic power.



With mains power.



With photovoltaic power.



With battery power.

