

Technical Data

Trinverter Series 24/48



OFF-GRID INVERTER



MAXIMUM CUSTOMER SATISFACTION



PLUG & PLAY

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TRINVERTER SERIES 24

TRINVERTER SERIES 48

Input

Voltage (V)	230 VAC	
Voltage range(V)	170-280 VAC (Personal Computers)	90-280 VAC (Home Appliances)
Frequency range(Hz)	50-60Hz	

Output

AC Voltage(Batt. mode)	230 VAC $\pm$ 5%	
Output Power (W)	2400W	5000W
Efficiency	93%	
Wave form	Pure Sinusoidal	
Transfer time	10 ms (Personal Computers) ; 20 ms (Home Appliances)	

Battery

Voltage (V)	24V	48V
Overcharge protection (V)	31 VDC	60 VDC
Max. Charge Current (A)	30 A	60 A

Solar

Max. PV power (W)	1500W	4000W
MPPT operating range (V)	60-115 VDC	
MPPT Efficiency	99,90%	
Maximum PV Array Open Circuit Voltage (V)	145 VDC	
Standby Power Consumption (W)	2 W	

Physical

Dimensions (DxWxH, mm)	140x295x540	
Weight (kg)	10 kg	13.5 kg
Humidity	5%-95%	
Operating temperatura range	0°C-55°C	
Includes parallel function	No	Yes