

Relevo

1400VA-800W
2500VA-1600W

Simulated Sine Wave Inverter



»» Features

- » Simulated sine Wave inverter
- » 12VDC and 24VDC
- » Wide input voltage range
- » 15A or 20A standard AC charging current
- » First thermal protected simulated inverter
- » LCD display for comprehensive information
- » Built-in MPPT solar charge controller , Max charging current 50A
- » Configurable output source priority, charger source priority, charger current and so on



Specification:

MODEL	Relevo-1400VA	Relevo-2500VA
Model Number	RV-1.4KVA-M	RV-2.5KVA-M
Rated Power	1400VA/800W	2500VA/1600W
INPUT		
Voltage	230VAC	
Selectable Voltage Range	90-280VAC	
Frequency Range	50Hz/60Hz (Auto sensing)	
OUTPUT		
AC Voltage Regulation (Batt.Mode)	230VAC±10%	
Overload (Line mode)	Load > 110% ± 15%,alarm 5 mines then fault if user decrease the load < 100% rating,the overload alarm can release.Load > 130% ± 15%, fault immediatly.	
Efficiency(Peak)	82%	85%
Transfer Time	20ms	
Wave form	Simulated Sine Wave	
BATTERY		
Battery Voltage	12VDC	24VDC
Floating Charge Voltage	13.7VDC ± 0.5VDC	27.4VDC ± 1VDC
Overcharge Protection	15.0VDC ± 0.5VDC	30.0VDC ± 1VDC
SOLAR CHARGER & AC CHARGER		
Solar Charger Type	MPPT	MPPT
Maximum PV Array Open Circuit Voltage	100VDC	100VDC
Maximum PV Array Power	600W	1200W
MPPT Range @ Operating Voltage	15~80VDC	30~80VDC
Maximum Solar Charge Current	50A	50A
Maximum AC Charge Current	10A/20A	15A max
Maximum Charge Current	50A max	50A max
INDICATORS	AC Mode,Battery mode,Fault	
ALARM	Low Battery, Overload, Fault	
PHYSICAL		
Dimension.D*W*H(mm)	290*232*93mm	
Net Weight (kgs)	4.5kg	
Communication Interface		
OPERATING ENVIRONMENT		
Humidity	0 to 90% Relative Humidity(Non-condensing)	
Operating Temperature	0°C to 40°C	
Storage Temperature	-15°C to 50°C	

»» Solar System Connection

