

Relevo

3000VA-3000W

Off Grid Solar Inverter



Product Design By:
Crown Micro Global

»» Features

- ❖ Pure sine wave solar inverter
- ❖ Output power factor 1.0
- ❖ Built-in 80A MPPT solar charger
- ❖ Compatible with lithium battery
- ❖ Wifi&GPRS available for IOS and android (Optional)

4 YEARS WARRANTY
1 Year Comprehensive
3 Years Free Services

- ❖ High PV input voltage range(90~450VDC)
- ❖ Built-in anti-dust kit for harsh environment
- ❖ Solar energy is provided directly to the load first
- ❖ Smart battery charge design to optimize battery life



Ip21 Ingress protection



Anti Dust Kit



80A MPPT



RS232/GPRS WIFI (Optional)



LCD With Touch Pad



Max Efficiency 97%

Specification:

Model	RV-3.0KW-M
RATED POWER	3000VA/3000W
AC Input	
Voltage	230VAC
Selectable Voltage Range	170~280VAC(For Personal Computers)
	90~280VAC(For Home Appliances)
Frequency Range	50 Hz/60Hz(Auto sensing)
AC OUTPUT	
AC Voltage Regulation	230VAC \pm 5%
Surge Power	4800W
Efficiency(Peak)PV to INV	97%
Efficiency(Peak)Battery to INV	93%
Transfer Time	10 ms (For Personal Computers);20 ms (For Home Appliances)
BATTERY & AC CHARGER	
Battery Voltage	24VDC
Floating Charge Voltage	27VDC
Overcharge Protection	33VDC
Maximum AC Charge Current	60A
SOLAR CHARGER	
Maximum PV Array Power	3000W
MPPT Range @ Operating Voltage	90~430VDC
Maximum PV Array Open Circuit Voltage	450VDC
Maximum Charging Current	80A
Maximum Efficiency	98%
PHYSICAL	
Dimension,D*W*H(mm)	348*270*95
Net Weight(kgs)	4.8
Communication interface	RS232/GPRS/WIFI
OPERATING ENVIRONMENT	
Humidity	5% to 95% Relative Humidity(Non~condensing)
Operating Temperature	0°C~55°C
Storage Temperature	-15°C~60°C

»» Solar System Connection

