

Relevo

3600VA-3600W
4200VA-4200W
6200VA-6200W

Off Grid Solar Inverter



Product Design By:
Crown Micro Global

»» Features

4 YEARS WARRANTY
1 Year Comprehensive
3 Years Free Services

- ❖ Pure sine wave solar inverter
- ❖ Feed into the grid
- ❖ Output power factor 1.0
- ❖ WIFI&GPRS available for IOS and Android (Optional)
- ❖ Inverter running without battery
- ❖ One-click restoration to factory Settings
- ❖ Built-in 120A solar charger
- ❖ High PV input voltage range(90~500VDC)
- ❖ Built-in anti-dust kit for harsh environment
- ❖ Smart battery charge design to optimize battery life
- ❖ Dual output



Feed In to the Grid



Anti Dust Kit



Built-in Dual Output



WIFI /GPRS (Optional)



Transfer Time



Max Efficiency 98%



RGB Lights

Specification:

MODEL	RV-3.6KW-M	RV-4.2KW-M	RV-6.2KW-M
Phase	1-phase		
Maximum PV Input Power	6200W	6200W	6500W
Rated Output Power	3600W	4200W	6200W
Maximum Solar Charging Current	120A	140A	120A
GRID-TIE OPERATION			
PV Input(DC)			
Nominal DC Voltage/Maximum DC Voltage	360VDC/500VDC		
Start-up Voltage/Initial Feeding Voltage	90VDC/120VDC		
MPPT Voltage Range	90VDC~450VDC		
Number of MPPT Trackers/Maximum Input Current	1/27A		
GRID OUTPUT(AC)			
Nominal Output Voltage	200/230/240VAC		
Output Voltage Range	195.5~253VAC		
Nominal Output Current	15.7A	18.2A	27.0A
Power Factor	>0.99		
Feed-in Grid Frequency Range	49~51±1Hz		
EFFICIENCY			
Maximum Conversion Efficiency(DC/AC)	97%		
TWO LOAD OUTPUT POWER(V2.0)			
Full Load	3600W	4200W	6200W
Maximum Main Load	3600W	4200W	6200W
Maximum Second Load(battery mode)	1200W	1400W	2067W
Main Load Cut Off Voltage	22VDC	22VDC	44VDC
Main Load Return Voltage	24VDC	24VDC	48VDC
OFF-GRID OPERATION			
AC INPUT			
AC Start-up Voltage/Auto Restart Voltage	120-140VAC/180VAC		
Acceptable Input Voltage Range	90-280VAC or 170-280VAC		
Maximum AC Input Current	30A	30A	40A
Nominal operating frequency	50/60Hz		
Surge power	7200VA	8400VA	12400VA
PV INPUT(DC)			
Maximum DC Voltage	500VDC		
MPPT Voltage Range	90VDC~450VDC		
Number of MPPT Trackers/Maximum Input Current	1/27A		
BATTERY MODE OUTPUT(AC)			
Nominal Output Voltage	24VDC	24VDC	48VDC
Output Waveform	Pure sine wave		
Efficiency(DC to AC)	94%		
BATTERY & CHARGER			
Nominal DC Voltage	24VDC	24VDC	48VDC
Maximum Solar Charging Current	120A	140A	120A
Maximum AC Charging Current	100A		
GENERAL			
PHYSICAL			
Dimension,D X W X H(mm)	420*310*110		
Net Weight(kgs)	10	11	11
INTERFACE			
Communication Port	RS232 / WIFI / BMS		
ENVIRONMENT			
Humidity	0~90%		
Operating Temperature	-10to50°C		

»» Solar System Connection

