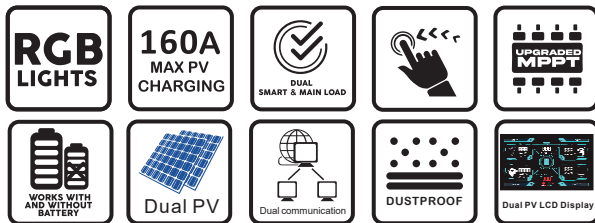
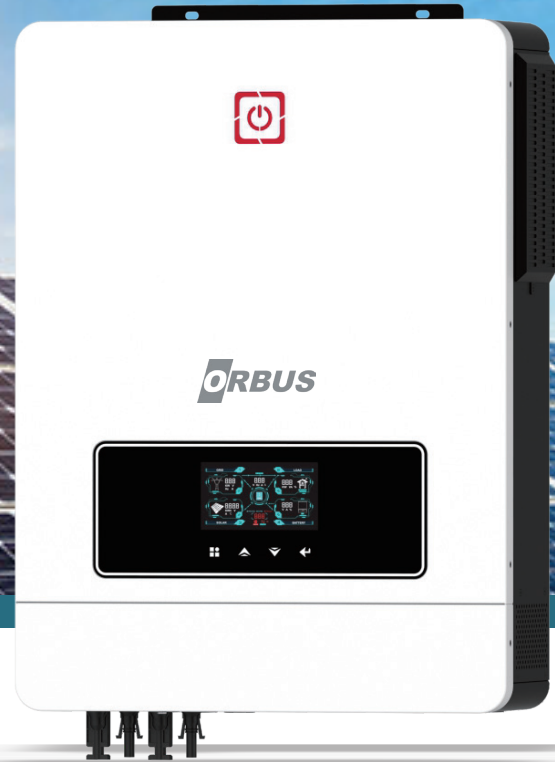


MAX 8.2 - 10.2 KW

Off Grid Inverter Series



»» Features

- Pure sine wave solar inverter(on/off Grid)
- Output power factor 1.0
- Inverter can run without battery
- One-key restoration to factory Settings
- Built-in 160A MPPT solar charger (for 8.2kw,10.2kw)
- Dual communication ports for Battery communication and Wifi communication
- 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
- Dual PV input
- Touch button
- On Off Grid Work Mode



8.2KW

10.2KW

»» Product Data Sheet

MODEL	MAX-8.2KW		MAX-10.2KW	
Phase	1-phase			
Maximum PV Input Power	5400W+5400W			
Rated Output Power	8200W/8200VA		10200W/10200VA	
Maximum Solar Charging Current	160A			
GRID-TIE OPERATION				
PV INPUT (DC)				
Nominal DC Voltage/Maximum DC Voltage	360/500VDC			
Start-up Voltage / Initial Feeding Voltage	90VDC/120VDC			
MPPT Voltage Range	90~450VDC			
Maximum Input Current	2/18A			
GRID OUTPUT (AC)				
Nominal Output Voltage	220/230/240VAC			
Output Voltage Range	190~253VDC			
Nominal Output Current	35.6A		44.3A	
Power Factor	>0.99			
EFFICIENCY				
Maximum Conversion Efficiency (DC/AC)	98%			
TWO LOAD OUTPUT POWER				
Full Load	8200W		10200W	
Maxium Main Load	8200W		10200W	
Maxium Second Load(battery mode)	2733W		3400W	
Maxium Load Cut Off Voltage	52VDC			
Maxium Load Return Voltage	54VDC			
OFF-GRID OPERATION				
AC INPUT				
AC Start-up Voltage / Auto Restart Voltage	120-140VAC/180VAC			
Acceptable Input Voltage Range	90-280VACor170-280VAC			
Frequency Range	49~51±1HZ			
Maximum AC Input Current	40A		50A	
PV INPUT (DC)				
Nominal DC Voltage/Maximum DC Voltage	360/500VDC			
MPPT Voltage Range	90~450VDC			
Maximum Input Current	2/18A			
BATTERY MODE OUTPUT (AC)				
Nominal Output Voltage	220/230/240VAC			
Output Waveform	Pure sine wave			
Efficiency (DC to AC)	94%			
BATTERY & CHARGER				
Nominal DC Voltage	48VDC			
Maximum Solar Charging Current	160A			
Maximum AC Charging Current	140A			
Maximum Solar+AC Charging Current	160A			
HYBRID OPERATION				
PV INPUT (DC)				
Nominal DC Voltage/Maximum DC Voltage	360/500VDC			
Start-up Voltage / Initial Feeding Voltage	90VDC/120VDC			
MPPT Voltage Range	90~450VDC			
Maximum Input Current	2/18A			
GRID OUTPUT (AC)				
Nominal Output Voltage	220/230/240VAC			
Output Voltage Range	190~253VDC			
Nominal Output Current	35.6A		44.3A	
AC INPUT				
AC Start-up Voltage / Auto Restart Voltage	120-140VAC/180VAC			
Acceptable Input Voltage Range	90-280VACor170-180VAC			
Maximum AC Input Current	40A		50A	
Maximum AC Charging Current	140A			
GENERAL				
PHYSICAL				
Dimension,D*W*H(mm)	530*390*130			
Cartoon Dimension,D *W *H(mm)	618*463*205			
Net Weight (kgs)	14.2		14.7	
Gross Weight(kgs)	15.7		16.2	
ENVIRONMENT				
Humidity	5% to 95% Relative Humidity(Non~condensing)			
Operating Temperature	-10℃~50℃			
STANDARD				
Compliance Safety	CE			