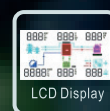
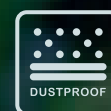
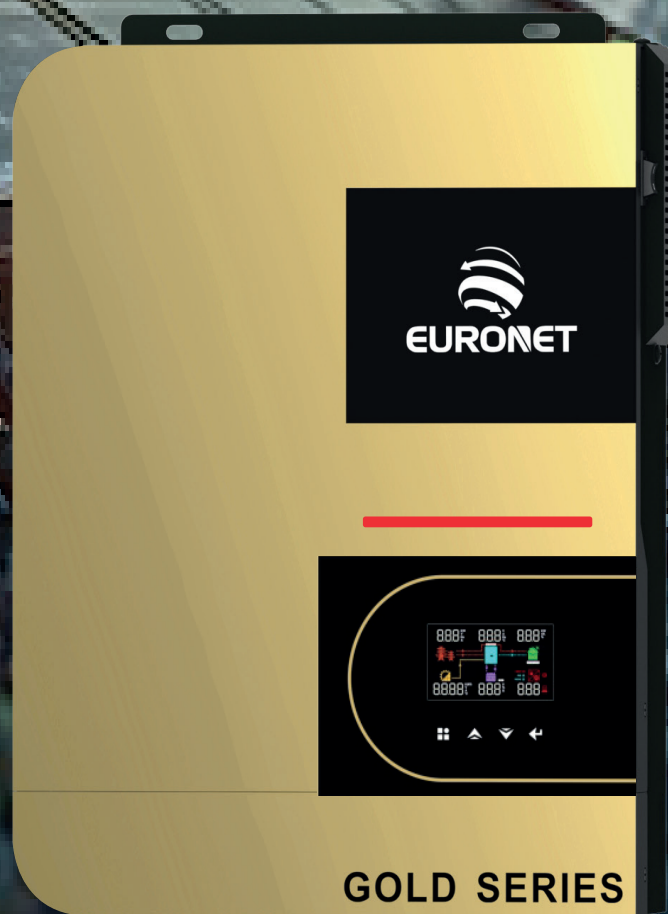


HYBRID ON/OFF GRID INVERTER



Features

- Pure sine wave solar inverter(on/off Grid)
- Output power factor 1.0
- WIFI&GPRS available for IOS and Android
- Inverter can run without battery
- One-key restoration to factory Settings
- Built-in Lithium battery automatic activation
- Built-in 160A MPPT solar charger (for 8.2kw,10.2kw)
- 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
- Built Remove LCD Display and Key



TECHNICAL SPECIFICATIONS

MODEL	EU IN 8.2 KW		EU IN 10.2 KW	
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	195~253VAC			
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	
Maximum Main Load	8200W		10200W	
Maximum Second Load(battery mode)	2733W		3400W	
Maximum Load Cut Off Voltage	52VDC			
Maximum Load Return Voltage	54VDC			
OFF-GRID OPERATION				
AC INPUT				
AC Start-up Voltage/Auto Restart Voltage	120-140VAC/180VAC			
Acceptable Input Voltage Range	90~280VAC or 170~280VAC			
Frequency Range	50±1Hz/60±1Hz			
Maximum AC input Current	48.2A		60A	
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 Wave Form	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 Sotar+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	195~253VAC			
Nominal Output Current	35.6A		44.3A	
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	48.2A		60A	
Maximum Charging Current	140A			
GENERAL				
PHYSICAL				
Dimension ,H*W*D(mm)	530*390*170			
Cartoon Dimension ,H*W*D(mm)	618*463*242			
Net Weight (kgs)	15.8		16.2	
Gross Weight(kgs)	16.4		16.8	
INTERACE				
Communication Port	RS232/RS485/WIFI/GPRS/LITHIUM BATTERY			
ENVIRONMENT				
Humidity	5% to 95% Relative Humidity(Non~condensing)			
Operating Temperature	-10℃~50℃			
STANDARD				
Compliance Safety	CE			