



**SINGLE PHASE
HYBRID INVERTER**

6.2 kVA

2 YEAR WARRANTY

**6500W
MAX PV POWER**

**220V~240V
OUTPUT VOLTAGE**

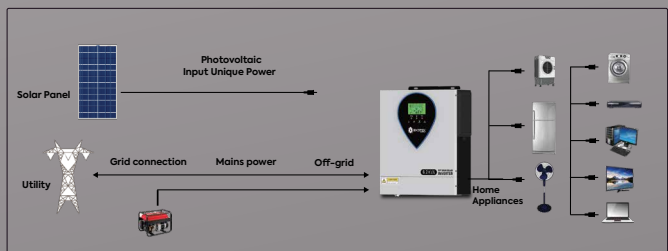


ECO INVERTER 6200

6.2 kVA Hybrid Solar Inverter

ET01-6200-48ECO

- 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 120A MPPT Solar Charge: Max 6500W
- High PV input voltage range (60V DC~500V DC)
- Built-in anti-dust kit for harsh environment
- Smart battery charge design to optimize battery life
- Dual communication ports for Battery communication and Wifi communication





ECO INVERTER 6200		6.2 KVA
Phase		1 Phase
Maximum PV Input Power		6500W
Rated Output Power		6200W
Surge Power		12400W
Parallel Capability		NO
GRID TIE OPERATION		
PV INPUT (DC)		
Nominal DC Voltage / Maxium DC Voltage		360/500V DC
Start-up Voltage / Inital Feeding Voltage		60V DC / 90V DC
MPPT Voltage Range		60~450V DC
Maximum Input Current		1/22A
GRID OUTPUT (AC)		
Nominal Output Voltage		220/230/240V AC
Output Voltage Range		195~253V AC
Nominal Output Current		27.0A
Power Factor		>0.99
OFF GRID-HYBRID OPERATION		
PV INPUT (DC)		
Nominal DC Voltage / Maxium DC Voltage		360/500V DC
Start-up Voltage / Inital Feeding Voltage		90V DC / 120V DC
MPPT Voltage Range		60~450V DC
Maximum Input Current		1/22A
AC INPUT		
AC Start up Voltage / Auto Restart Voltage		120-140V AC / 180V AC
Acceptable input Voltage Range		90-280V AC or 170-280V AC
Frequency Range		59-61 ± 1 Hz
Maximum AC Input Current		36.4A
AC OUTPUT		
AC Voltage Regulation		230VAC ± 55%
Efficiency (Peak) PV to INV		98%
Efficiency (Peak) BATT to INV		94%
Transfer Time		"10ms (personal computer/ UPS) 20ms(home appliances)"
DUAL LOADS AC OUTPUT		
Full Load		6200W
Max. Main Load		6200W
Max. Second Load (Battery Mode)		2067W
Main Load Cut Off Voltage		52V DC
Main Load Return Voltage		54V DC
BATTERY & CHARGER		
Nominal DC Voltage		48V DC
Maximum Solar Charging Current		120A
Maximum AC Charging Current		100A
Battery Type Supported		Lead Acid/VRLA/AGM/Deep Cycle/Gel/Flooded/Tubular/Lithium-Ion
Overcharge Protection		Yes
Low Battery Alarming Voltage		Yes
Low Battery Cut Off Protection Voltage		Yes
GENERAL		
Dimensions (D*W*H) (mm)		420*350*110
Net Weight (kgs)		8.9
Communication Interface & Monitoring		"RS323/RS458/ LCD DISPLAY Wifi/Bluetooth (optional) "
Ingress Protection		IP20