



EKOTEK
ENERGY

**SINGLE PHASE
OFF-GRID INVERTER**

1.5 kVA

2 YEAR WARRANTY

1000W
MAX PV POWER

220V~240V
OUTPUT VOLTAGE

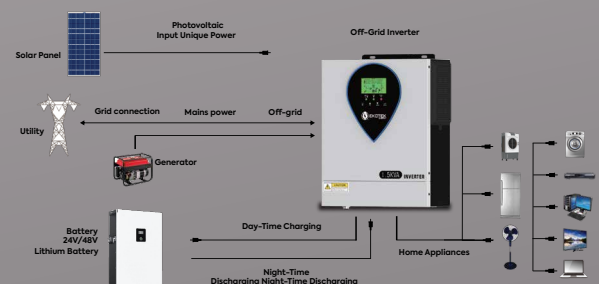


ECO INVERTER 1500

1.5 kVA Off-Grid Solar Inverter

ET01-1500-24ECO

- Pure sine wave solar inverter (On/Off Grid)
- Output power factor 1.0
- Inverter can run without battery
- One-key restoration to factory settings
- High PV input voltage range (30 VDC ~ 150 VDC)
- Built-in anti-dust kit for harsh environment
- Smart battery charge design to optimize battery life
- Dual communication ports for Battery communication



www.ekotekenergy.com



EKO INVERTER 1500		1.5 kVA
Phase		1 Phase
Maximum PV Input Power		1000W
Rated Output Power		1500W
Surge Power		3000VA
Parallel Capability		NO
OFF GRID-HYBRID OPERATION		
PV INPUT (DC)		
Nominal DC Voltage / Maxium DC Voltage		30-150V DC
Start-up Voltage / Inital Feeding Voltage		20V DC
MPPT Voltage Range		30~150VDC
Maximum Input Current		1/40A
AC INPUT		
AC Start up Voltage / Auto Restart Voltage		100/270V APL, 170-270V UPS
Acceptable input Voltage Range		90-280V AC or 170-280V AC
Frequency Range		50Hz / 60Hz (Auto Adaptive)
Maximum AC Input Current		10A
AC OUTPUT		
AC Voltage Regulation		230VAC $\pm$ 5%
Efficiency (Peak) PV to INV		98%
Efficiency (Peak) BATT to INV		94%
Transfer Time		10ms (personal computer) 10ms(home appliances)
DUAL LOADS AC OUTPUT		
Full Load		1500W
Main Load Cut Off Voltage		11.2V DC
Main Load Return Voltage		11.5V DC
BATTERY & CHARGER		
Nominal DC Voltage		12V DC
Maximum Solar Charging Current		40A
Maximum AC Charging Current		40A
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)		290*240*91
Net Weight (kgs)		3.6
Communication Interface & Monitoring		RS323/RS458/ LCD DISPLAY Bluetooth (optional)
Ingress Protection		IP21