

OFF GRID INVERTER

4 kVA

3 YEAR WARRANTY

5000W

MAX PV POWER

208V~240V

OUTPUT VOLTAGE

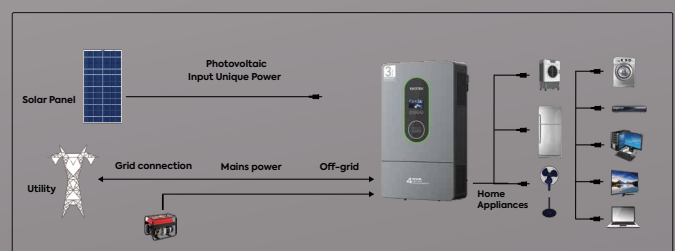


PRO INVERTER 4000

4 kVA Off Grid Inverter

ET01-4000-24PRO

- Support multiple input & output-Split Phase 208/240Vac or Single Phase 230Vac
- Built-in AC coupled function
- Built-in WiFi for mobile monitoring (APP is available)
- Accepts second input power source, generator input compatible
- Built-in arc fault detection (AFD) and rapid shutdown (RSD)
- External CT sensor to guarantee 100% self-consumption
- Built-in communication port for BMS (RS485)
- User-adjustable charging current and voltage





PRO INVERTER 4000	4kVA
AC INPUT	
Rated Voltage	208/220/230/240 VAC; L+N+PE
Voltage Range	90~280 ± 3 VAC(Normal Mode); 170~280 ± 3 VAC(UPS Mode)
Frequency	50/60Hz (Auto Adaptive)
AC OUTPUT	
Rated Capacity	3.6 VAC
Surge Power	5.7 VAC
Voltage	208/220/230/240 VAC
Power Factor	1
Frequency	50/60Hz ± 0.1%
Switch Time	10ms (Normal Mode)/ 10ms (UPS Mode)
Wave Form	Pure Sine Wave
Overload Capacity (Battery Mode)	60s@102%~110% load; 10s@110%~130% load; 3s@130%~150% load; 0.2s@>150% load
Max. Efficiency (Battery Mode)	92.7% @ 24VDC
Parallel Quantity	N/A
CHARGER (PV/AC)	
Solar Charger Type	MPPT
Max. PV Input Current / Power	18A / 5000W
MPPT Range @ Operating Voltage	40~450 VDC
Max. PV Open Circuit Voltage	500 VDC
Max. PV Charge Current	100 A
Max. AC Charge Current	100 A
Max. Charge Current (PV + AC)	100 A
BATTERY	
Nominal Voltage	24 VDC
Floating Charge Voltage	27 VDC
Overcharge Protection	30.5 VDC
Battery Type	Lithium and Lead-Acid
INTERFACE	
Display	LCD Display
Communication	RS485 / RS232 / USB / Dry Contact
Monitoring	WiFi (Optional)
GENERAL DATA	
IP Rating	IP21
Operating Temperature	-10°C~50°C
Relative Humidity	5%~95% (Non-Condensing)
Storage Temperature	-15°C~60°C
Net Weight	6.4kg
Dimensions (W*D*H)mm	490*306*115mm (Without Bracket)
Max. Operating Altitude	4000m (Derating above 1000m)