

OFF GRID

HYBRID SOLAR INVERTER

OFF GRID INVERTER

1.5 kVA

2 YEAR WARRANTY

1000W

MAX PV POWER

208V~240V

OUTPUT VOLTAGE

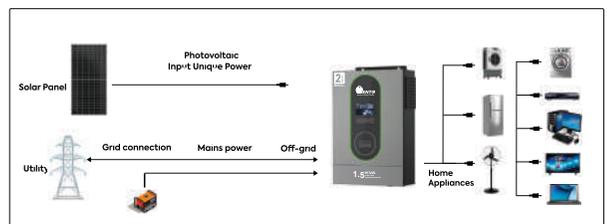
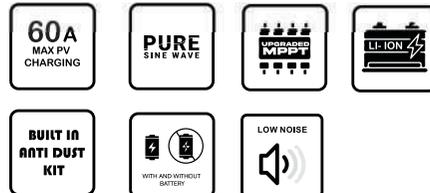


PRO INVERTER 1500

1.5 kVA Hybrid Solar Inverter

ET01-1500-12PRO

- 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 1500	1.5kVA
AC INPUT	
Rated Voltage	208/220/230/240 VAC; L+N+PE
Voltage Range	90-280 ± 3 VAC or 170-280 ± 3 VAC
Frequency	50/60Hz (Auto Adaptive)
AC OUTPUT	
Rated Capacity	1.5kVA/1.2kW
Surge Power	2.4kVA
Voltage	208/220/230/240 VAC
Power Factor	1
Frequency	50/60Hz ± 0.1%
Switch Time	10ms
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)	90% @ 12VDC
Parallel Quantity	N/A
CHARGER (PV/AC)	
Solar Charger Type	MPPT
Max. PV Input Current / Power	14A / 1000W
MPPT Range @ Operating Voltage	20-100 VDC
Max. PV Open Circuit Voltage	125 VDC
Max. MPPT Rating	60 A
Max. AC Charge Current	40 A
Max. Charge Current (PV + AC)	100 A
BATTERY	
Nominal Voltage	12 VDC
Floating Charge Voltage	13.8 VDC
Overcharge Protection	15 VDC
Battery Type	Lithium and Lead-Acid
INTERFACE	
Display	2.3 inch LCD Display
Communication	RS485 / USB
Monitoring	N/A
GENERAL DATA	
IP Rating	IP20
Operating Temperature	-10°C~50°C
Relative Humidity	5%~95% (Non-Condensing)
Storage Temperature	-15°C~60°C
Net Weight	3.6kg
Dimensions (W*D*H)mm	330*226*92mm
Max. Operating Altitude	4000m

LENTO INDUSTRIES PVT. LTD.

Registered office : 05, Ground Floor, Plot No. 556,
School Block, Shakarpur Delhi-110092
Tel : +91-11-65912334, Email : info@lentoindia.com

Manufacturing Unit : A - 27, Sector-58, Noida, Gautam
Buddha Nagar, Uttar Pradesh - 201301
Tel : +91 - 8527476197, Email : exports@lentoindia.com

OFF GRID INVERTER

4 kVA

2 YEAR WARRANTY

5000W

MAX PV POWER

208V~240V

OUTPUT VOLTAGE

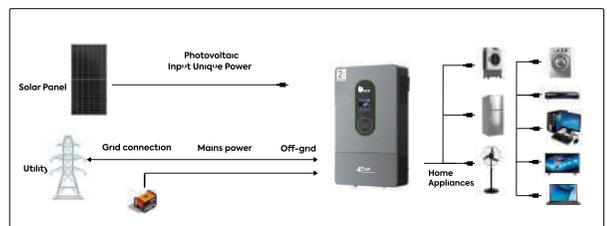
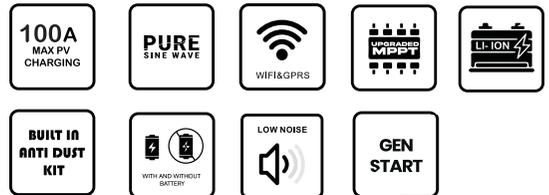


PRO INVERTER 4000

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	4kVA / 3.6kW
Surge Power	5.7kVA
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. MPPT Rating	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)

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**SINGLE PHASE
HYBRID INVERTER**

6 kVA

2 YEAR WARRANTY

6000W

MAX PV POWER

208V~240V

OUTPUT VOLTAGE

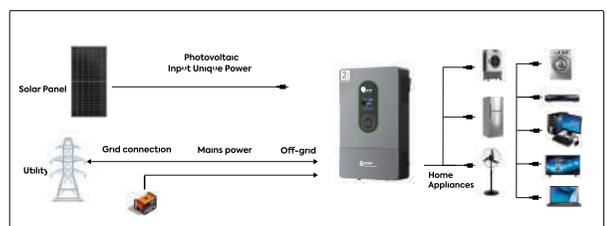


PRO INVERTER 6000

6 kVA Hybrid Solar Inverter

ET-01-6000-48PRO

- 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
- Parallel operation up to 9 units





PRO INVERTER 6000	6kVA
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	6kVA / 5kW
Surge Power	10kVA
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)	93% @ 48VDC
Parallel Quantity	9
CHARGER (PV/AC)	
Solar Charger Type	MPPT
Max. PV Input Current / Power	18A / 6000W
MPPT Range @ Operating Voltage	120-450 VDC
Max. PV Open Circuit Voltage	500 VDC
Max. MPPT Rating	80 A
Max. AC Charge Current	80 A
Max. Charge Current (PV + AC)	80 A
BATTERY	
Nominal Voltage	48 VDC
Floating Charge Voltage	54 VDC
Overcharge Protection	61 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	9.5kg
Dimensions (W*D*H)mm	510*306*115mm (Without Bracket)
Max. Operating Altitude	4000m (Derating above 1000m)

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**SINGLE PHASE
HYBRID INVERTER**

8 kVA

2 YEAR WARRANTY

9000W

MAX PV POWER

208V~240V

OUTPUT VOLTAGE

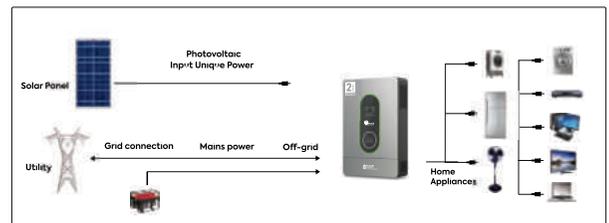


PRO INVERTER 8000

8 kVA Hybrid Solar Inverter

ET-01-8000-48PRO

- 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 8000	8kVA
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	8kVA / 6.5kW
Surge Power	13kVA
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)	10m@102%~120% load; 1m@120%~150% load; 10s@150%~200% load; 5s@>200% load
Max. Efficiency (Battery Mode)	93% @ 48VDC
Parallel Quantity	N/A
CHARGER (PV/AC)	
Solar Charger Type	MPPT
Max. PV Input Current / Power	28A / 9000W
MPPT Range @ Operating Voltage	60-450 VDC
Max. PV Open Circuit Voltage	500 VDC
Max. MPPT Rating	120 A
Max. AC Charge Current	120 A
Max. Charge Current (PV + AC)	120 A
BATTERY	
Nominal Voltage	48 VDC
Floating Charge Voltage	54 VDC
Overcharge Protection	61 VDC
Battery Type	Lithium and Lead-Acid
INTERFACE	
Display	LCD Display
Communication	RS485 / USB / Dry Contact / CT / Meter
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	10kg
Dimensions (W*D*H)mm	508*338*136.5mm
Max. Operating Altitude	4000m (Derating above 1000m)

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**SINGLE PHASE
HYBRID INVERTER**

12 kVA

2 YEAR WARRANTY

9000W

MAX PV POWER

208V~240V

OUTPUT VOLTAGE

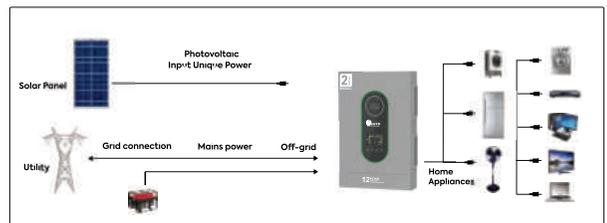


PRO INVERTER 12000

12 kVA Hybrid Solar Inverter

ET-01-12000-48PRO

- 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





Model No. ET-01-12000-48PRO	12kVA
AC INPUT	
Rated Voltage	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	12kVA/10000W
Surge Power	20kVA
Voltage	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)	10m@102%~120% load; 1m@120%~150% load; 10s@150%~200% load; 5s@>200% load
Max. Efficiency (Battery Mode)	0.94% @ 48VDC
Parallel Quantity	N/A
CHARGER (PV/AC)	
Solar Charger Type	MPPT x 2 Trackers
Max. PV Input Current / Power	28A / 9000W
MPPT Range @ Operating Voltage	18A*2 / 12000W (6000W*2)
Max. PV Open Circuit Voltage	500 VDC
Max. MPPT Rating	200A (100A*2)
Max. AC Charge Current	200A
Max. Charge Current (PV + AC)	200A
BATTERY	
Nominal Voltage	48 VDC
Floating Charge Voltage	54 VDC
Overcharge Protection	61 VDC
Battery Type	Lithium and Lead-Acid
INTERFACE	
Display	LCD Display
Communication	RS485 / USB/ Dry Contact
Monitoring	WiFi (Built-In)
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	22.85kg
Dimensions (W*D*H)mm	460*700*120mm
Max. Operating Altitude	4000m (Derating above 1000m)

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