

EPOO48V6000-Plus

On/Off Grid Solar Inverter
6KW



Flexible Rate Tariff

Charge from the grid at off-peak times where energy is cheaper, and discharge at peak times where energy is more expensive.



Safe

Physical and electrical dual isolation AFCI function integration AC overcurrent, AC overvoltage, Over-heat protection Ip65 protection grade



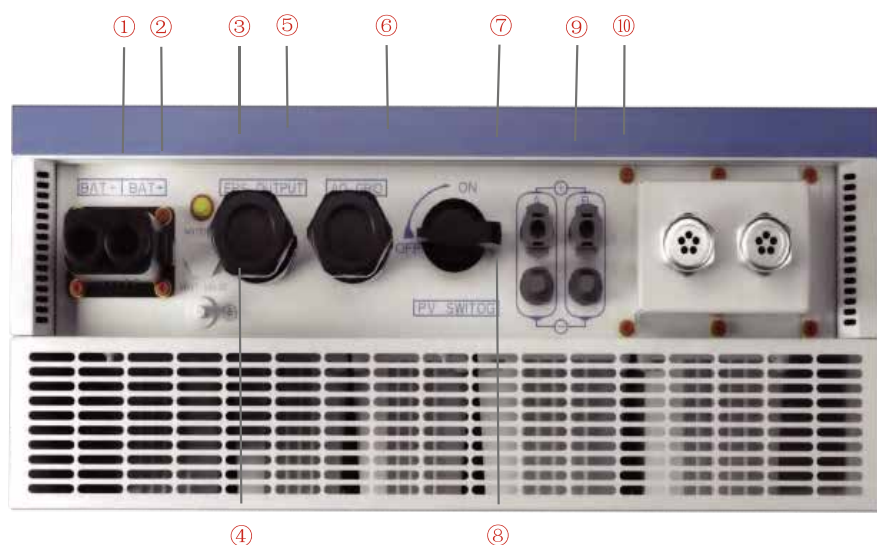
Multiple working modes

AG EPOO 6K series supports four working modes



Quick backup

Provides backup load with a switching time less than 10 ms.



- ① BAT+
- ② BAT-
- ③ ANTENNA
- ④ VENT VALVE
- ⑤ EPS OUTPUT
- ⑥ AC GRID
- ⑦ ON/OFF
- ⑧ PV SWITCG
- ⑨ A
- ⑩ B

| Model | EPOO48V6000-PLUS |
|-------------------------------------|-------------------------|
| DC INPUT(PV) | |
| Max.input power(W) | 9000W |
| Max. input voltage (V) | 550V |
| MPPT range (V) | 120 - 500V.d.c |
| Max. input voltage (A) | 15A |
| MPPT input channels | 2 |
| AC OUTPUT DATA | |
| Nominal AC Output Power | 6000W |
| Max. output current | 26 |
| Rated Output Current | 26 |
| Nominal AC Voltage | 230V |
| AC Voltage Range | 176 - 270V |
| Nominal AC Frequency | 50Hz / 60Hz |
| Peak output apparent power, time | 6000VA, 30s |
| Power Factor | 0.8lagging-0.8leading |
| THDI | <2% |
| THDv (@ linear load) | <5% |
| Switching time | <10 ms |
| BATTERY | |
| Battery Voltage | 45-88VDC |
| Max. battery voltage | 58VDC |
| Max. charging current | 100A |
| Max. discharging current | 110A |
| Communication | CAN/RS485 |
| GENERAL DATAS | |
| Battery charge/discharge efficiency | 94.50% |
| DC Max. efficiency | 97.50% |
| Europe efficiency | 97.00% |
| MPPT efficiency | 99.90% |
| Ingress protection | IP65 |
| Noise emission (dB) | <35 |
| Operation temperature | - 25°C ~ 60°C |
| Cooling | Natural |
| Relative humidity | 0 ~95%(non-condensing) |
| Altitude 2,000m | (>2,000 Derating) |
| Size D*W*H (mm) | 358*509.8*180.7 |
| Package size, D*W*H (mm) | 456*606.8*295.7 |
| Net Weight (kg) | 28KG |
| Gross Weight(kg) | 30KG |
| Isolation transformer | No |
| Self-consumption(W) | <5 |
| DISPLAY AND COMMUNICATION | |
| Display | LCD |
| Interface:RS485/Wifi/CAN/DRM | Yes |
| 4G/Bluetooth | Opt |
| On-grid | Yes |

Note:Product specifications are subject to change without further notice