

GRID CONNECTED INVERTER



Features:

- Maximum power point tracking (MPPT) function
- Inspection and control of the islanding effect
- Power grid inspection and grid connection function
- Zero (low) voltage traversing function.



TECHNICAL SPECIFICATIONS



| MODEL: EURO SERIES | EURO -10KT | EURO -20KT | EURO -30KT |
|---------------------------|----------------------------|----------------------------|----------------------------|
| Max. PV input voltage | 1100 Vdc | 1100 Vdc | 1100 Vdc |
| MPPT input voltage range | 140~1000 Vdc | 140~1000 Vdc | 200~1000 Vdc |
| Max. PV input current | 15 Ad.cX2 | 30 Ad.cX2 | 30 Ad.cX2 |
| Isc PV | 20 Ad.cX2 | 40 Ad.cX2 | 40 Ad.cX2 |
| Nominal output voltage | 400/230Vac,3P+N+PE | 400/230Vac,3P+N+PE | 400/230Vac,3P+N+PE |
| Nominal output frequency | 50 Hz/60 Hz | 50 Hz/60 Hz | 50 Hz/60 Hz |
| Nominal AC output current | 14.5 Aa.c | 29 Aa.c | 43.5 Aa.c |
| Max. AC output current | 16 Aa.c | 31.9 Aa.c | 47.8 Aa.c |
| Normal AC output Power | 10kW | 20 kW | 30kW |
| Max. Apparent Power | 11kVA | 22 kVA | 33 kVA |
| Power factor(full load) | 0.8 leading to 0.8 lagging | 0.8 leading to 0.8 lagging | 0.8 leading to 0.8 lagging |
| Ambient temperature | -25°C ~+60°C | -25°C ~+60°C | -25°C ~+60°C |
| Ingress protection | IP66 | IP66 | IP66 |
| Protective class | I | I | I |
| Overvoltage category | II(PV); III(Mains) | II(PV); III(Mains) | II(PV); III(Mains) |
| Inverter Topology | Non-isolated | Non-isolated | Non-isolated |



| MODEL: EURO SERIES | EURO - G 5000D |
|--------------------------|----------------------------|
| Max. PV input voltage | 600 Vdc |
| MPPT input voltage range | 80~560 Vdc |
| Max. PV input current | 15 Ad.cX2 |
| Isc PV | 18 Ad.cX2 |
| Nominal output voltage | 230 Vac |
| Nominal output frequency | 50/60 Hz |
| Max. AC output current | 24 Aa.c |
| Max. output Power | 5500 kW |
| Power factor (full load) | 0.8 leading to 0.8 lagging |
| Ambient temperature | -25°C ~+60°C |
| Ingress protection | IP66 |
| Protective class | I |
| Overvoltage category | II(PV); III(Mains) |

| MODEL : EURO SERIES | EURO - 50K |
|--|---------------------------------------|
| Maximum PV array open-circuit voltage | 1000 Vdc |
| Nominal input voltage | 620 Vdc |
| PV input operating voltage range | 250~950 Vdc |
| Maximum operating PV input current | 36 Adc x 3 |
| Maximum total PV array short-circuit current | 38 Adc x 3 |
| Nominal a.c. output voltage | 3/N/PE 400 Vac / 230 Vac |
| Nominal a.c. output frequency | 50 Hz |
| Maximum a.c. output overcurrent protection | 80 Aac |
| Maximum continuous a.c. output current | 72 Aac |
| Maximum continuous a.c. output power | 55 KVA |
| Power factor range | 0.8 under-excited to 0.8 over-excited |
| Ingress protection | IP65 |