

Three Phase On Grid Inverter

CE-3P5K1G CE-3P10K1G
 CE-3P6K1G CE-3P12K1G
 CE-3P8K1G CE-3P15K1G



Product Features

- Maximum efficiency 98.3%
- 150% PV configuration, 110% output overload
- Die-cast aluminum case, IP66 waterproof and dustproof, C5 anti-corrosion
- DC /AC SPD, AFCI detection optional
- Compatible with wide power grid voltage and high harmonic power grid environment
- App quick commissioning
- Remote configuration and upgrade
- Supports export control

Technical Data

| Model | CE-3P5K1G | CE-3P6K1G | CE-3P8K1G | CE-3P10K1G | CE-3P12K1G | CE-3P15K1G |
|----------------------------------|---|-----------|-----------|------------|------------|------------|
| Input (PV) | | | | | | |
| Max. Input Voltage (V) | | | | 1100 | | |
| Start Input Voltage (V) | | | | 180 | | |
| MPPT Voltage Range (V) | | | | 160-1000 | | |
| Max. Input Current (A) | | | 15+15 | | 30+15 | |
| Max.Short Circuit Current(A) | | | 20+20 | | 40+20 | |
| Number of MPPTs | | | | 2 | | |
| Max. Input String Number | | | 1+1 | | 2+1 | |
| Output(Grid) | | | | | | |
| Rated AC Active Power (W) | 5,000 | 6,000 | 8,000 | 10,000 | 12,000 | 15,000 |
| Max. AC Apparent Power (VA) | 5,500 | 6,600 | 8,800 | 11,000 | 13,200 | 16,500 |
| Max. AC Active Power (W) | 5,500 | 6,600 | 8,800 | 11,000 | 13,200 | 16,500 |
| Rated AC Voltage (V) | 380/400/415, 3W+N+PE | | | | | |
| Max. AC Output Current (A) | 8.4 | 10.1 | 13.4 | 16.8 | 20.2 | 25.3 |
| Rated Grid Frequency (Hz) | 50 / 60 | | | | | |
| Grid Frequency Range (Hz) | 45~55 or 55~65 (Adjustable) | | | | | |
| Power Factor | >0.99 Rated power (Adjustable 0.8 Leading -0.8 Lagging) | | | | | |
| THDI | <3% (Rated Power) | | | | | |
| DC Current Injection | <0.5%In | | | | | |
| Efficiency | | | | | | |
| Max. Efficiency | 98.2% | 98.2% | 98.2% | 98.2% | 98.3% | 98.3% |
| European Efficiency | 97.8% | 97.8% | 97.8% | 97.8% | 97.8% | 97.8% |
| Protection | | | | | | |
| DC Switch | Support | | | | | |
| Anti | Support | | | | | |
| AC Overcurrent Protection | Support | | | | | |
| AC Short Circuit Protection | Support | | | | | |
| DC Reverse Connection | Support | | | | | |
| Surge Arrester | DC Type III (AC Type II Optional) / AC Type III (AC Type II Optional) | | | | | |
| Insulation Detection | Support | | | | | |
| String Current Detection | Support | | | | | |
| Leakage Current Protection | Support | | | | | |
| General | | | | | | |
| Topology | Transformerless | | | | | |
| IP Rating | IP65 | | | | | |
| Night Self Consumption (W) | <1 | | | | | |
| Cooling | Natural cooling | | | | | |
| Operating Temperature Range (°C) | -25 -60 | | | | | |
| Relative Humidity Range | 0-100% | | | | | |
| Max. Operating Altitude (m) | 4000 | | | | | |
| Noise (dB) | <30 | | | | | |
| Dimensions (mm) | 398*460*190 (W*H*D) | | | | | |
| Weight (kg) | 23 | | | | | |
| Display | Wireless & APP+LED, LCD (Optional) | | | | | |
| Communication | RS485, Optional: WiFi / GPRS / 4G | | | | | |
| Certification | | | | | | |
| Safety | IEC62109-1, IEC62109-2 | | | | | |
| Grid Code | VDE-AR-N 4105, EN 50549-1, CEI 0-21, UNE 206006/206007-1, UNE 217001, IEC 61727/62116 | | | | | |
| Warranty | 5 Years | | | | | |