

# Three Phase On Grid Inverter

CE-3P28K1G  
CE-3P30K1G



## Product Features

- IP65 waterproof and dustproof
- Intergrated type II DC/AC SPD
- APP for local setting & display
- Remote configuration and upgrade
- Support export power control.Integrated

## Technical Data

| Model                            | CE -3P28K1G   | CE -3P30K1G |
|----------------------------------|---|-------------|
| <b>Input(PV)</b>                 |   |             |
| Max. Input Voltage (V)           | 1000  |             |
| Start Input Voltage (V)          | 250   |             |
| MPPT Voltage Range (V)           | 180-960   |             |
| Max. Input Current (A)           | 40.5+40.5   |             |
| Max.Short Circuit Current(A)     | 45+45   |             |
| Number of MPPTs                  | 2   |             |
| Max. Input String Number         | 3+3   |             |
| <b>Output(Grid)</b>              |   |             |
| Rated AC Active Power (W)        | 28,000  | 30,000      |
| Max. AC Apparent Power (VA)      | 30,800  | 33,000      |
| Max. AC Active Power (W)         | 30,800  | 33,000      |
| Rated AC Voltage (V)             | 380/400, 3W+N+PE  |             |
| Max. AC Output Current (A)       | 45  | 48          |
| 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   |             |
| <b>Efficiency</b>                |   |             |
| Max. Efficiency                  | 98.6%   | 98.6%       |
| European Efficiency              | 98.3%   | 98.3%       |
| <b>Protection</b>                |   |             |
| DC Switch                        | Support   |             |
| Anti -islanding Protection       | Support   |             |
| AC Overcurrent Protection        | Support   |             |
| AC Short Circuit Protection      | Support   |             |
| DC Reverse Connection            | Support   |             |
| Surge Arrester                   | AC Type II / AC Type II   |             |
| Insulation Detection             | Support   |             |
| Leakage Current Protection       | Support   |             |
| <b>General</b>                   |   |             |
| Topology                         | Transformerless   |             |
| IP Rating                        | IP65  |             |
| Night Self Consumption (W)       | <1  |             |
| Cooling                          | Fan cooling   |             |
| Operating Temperature Range (°C) | -25-60  |             |
| Relative Humidity Range          | 0-100%  |             |
| Max. Operating Altitude (m)      | 4000  |             |
| Noise (dB)                       | <45   |             |
| Dimensions (mm)                  | 555*446*270 (W*H*D)   |             |
| Weight (kg)                      | 41  |             |
| Display                          | Wireless & APP+LED, LCD (Optional)  |             |
| Communication                    | RS485, Optional: WiFi / GPRS / 4G   |             |
| <b>Certification</b>             |   |             |
| 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   |             |