

# Three Phase On Grid Inverter

CE-3P17K1G CE-3P22K1G  
CE-3P20K1G CE-3P25K1G



## Product Features

- IP66 waterproof and dustproof, C5 anti-corrosion
- Compatible with wide power grid voltage and high harmonic power grid environment
- DC /AC SPD optional, AFCI detection optional
- APP quick commissioning
- Remote configuration and upgrade
- Support export power control.

## Technical Data

Model	CE -3P17K1G	CE -3P20K2G	CE -3P22K1G	CE -3P25K1G
<b>Input(PV)</b>				
Max. Input Voltage (V)	1100			
Start Input Voltage (V)	180			
MPPT Voltage Range (V)	160-1000			
Max. Input Current (A)	30+30			
Max.Short Circuit Current(A)	40+40			
Number of MPPTs	2			
Max. Input String Number	2+2			
<b>Output(Grid)</b>				
Rated AC Active Power (W)	17,000	20,000	22,000	25,000
Max. AC Apparent Power (VA)	18,700	22,000	24,200	27,500
Max. AC Active Power(W)	18,700	22,000	24,200	27,500
Rated AC Voltage (V)	380/400/415, 3W+N+PE			
Max. AC Output Current (A)	28.6	33.7	37	39.8
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	98.4%	98.4%	98.4%	98.4%
European Efficiency	98.0%	98.0%	98.0%	98.0%
<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	DC Type III (AC Type II Optional) / AC Type III (AC Type II Optional)			
Insulation Detection	Support			
String Current Detection	Optional			
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)	398*460*190 (W*H*D)			
Weight (kg)	23			
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			