

# Three Phase On Grid Inverter

CE-3P22/25/30KEG



## Product Features

- High PV string input current up to 18A
- Low PV start-up voltage, generate power earlier
- Support bluetooth communication, easier inverter parameter setting and monitoring
- IP66 protection degree
- High converter efficiency
- AFCI optional

## Technical Data

Model	CE-3P22KEG	CE-3P25KEG	CE-3P30KEG
<b>Input (PV)</b>			
Recommended Max. PV Power (kWp)	33	37.5	45
Max. Input Voltage (V)		1,100	
Start-up Input Voltage (V)		50	
MPPT Voltage Range (V)		100-1,080	
Number of MPPTs		3	
String Number per MPPT		2	
Max. MPPT Input Current (A)		36	
Max. MPPT Short Circuit Current (A)		44	
<b>Output (Grid)</b>			
Rated Output Power (kW)	22	25	30
Max. Output Apparent Power (kVA)	22	25	30
Max. Output Active Power (kW)	22	25	30
Rated AC Voltage (V)		220/380, 230/400, 240/415, 3L+N+PE	
AC Voltage Range (V)		312-520	
Max. Output Current (A)	31.9	36.2	43.5
Rated Grid Frequency (Hz)		50/60	
Grid Frequency Range (Hz)		45-55/55-65	
Power Factor		>0.99, 0.8 leading~0.8 lagging	
THDi		<3%	
DC Current Injection		<0.5%In	
<b>Efficiency</b>			
Max. Efficiency		98.8%	
European Efficiency		98.3%	
<b>Protection</b>			
Ground Fault Monitoring		Support	
Output Over Voltage Protection		Support	
Anti-islanding Protection		Support	
Intergrated AFCI		Optional	
DC Reverse Protection		Support	
Surge Arrester		DC Type II/ AC Type III	
<b>General</b>			
Topology		Transformerless	
Ingress Protection		IP66	
Cooling		Smart fan	
Operating Temperature Range(°C)		-25~+60 (>45 derating)	
Relative Humidity Range		0-100% (no condensing)	
Max. Operating Altitude (m)		3,000	
Noise Emission (dB)		<=40 dB(A)	
Dimension (mm)		488W×472H×172D	
Weight (kg)		21	
DC Connector		MC4/D4	
Communication		WiFi (2.4G), 4G, GPRS, Bluetooth, RS485	
<b>Certification</b>			
Safety Standard		IEC 62109-1/-2, IEC 62477-1/-2	
EMC Standard		IEC 61000-1/-2/-3/-4	
Grid Code		AS4777.2, EN50549-1, G98, G99, ABNT NBR16149, ABNT NBR16150, VDE4105, CEIO-21, RD1699	