

Three Phase On Grid Inverter

CE-3P3/4/5/6KEG



Product Features

- High PV input current, up to 18A
- Low PV start-up voltage, generate power earlier
- Support Bluetooth communication, easier to set and monitor inverter parameters
- High converter efficiency
- IP66 protection degree
- ARC fault detection optional

Technical Data

Model	CE-3P3KEG	CE-3P4KEG	CE-3P5KEG	CE-3P6KEG
Input (PV)				
Max. Input Voltage (V)				1,100
Start-up Input Voltage (V)				50
MPPT Voltage Range (V)				100-1,080
Max. Input Current (A)				18+18
Max. Short Circuit Current (A)				22+22
Number of MPPTs				2
String Number per MPPT				1+1
Output (Grid)				
Rated Output Power (kW)	3	4	5	6
Max. Output Apparent Power (kVA)	3	4	5	6
Max. Output Active Power (kW)	3	4	5	6
Rated AC Voltage (V)	220/230/240, L+N+PE			
AC Voltage Range (V)	180-300 (adjustable)			
Max. Output Current (A)	4.35	5.8	7.25	8.7
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			
Efficiency				
Max. Efficiency	98.6%			
European Efficiency	98.1%			
Protection				
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			
General				
Topology	Transformerless			
Ingress Protection	IP66			
Cooling	Natural cooling			
Operating Temperature Range(°C)	-25~+60, >45 derating			
Relative Humidity Range	0-100% (no condensing)			
Max. Operating Altitude (m)	3,000			
Noise Emission (dB)	20			
Dimension (mm)	350Wx340Hx156D			
Weight (kg)	14			
Display	Wireless, APP, LCD			
Communication	WiFi (2.4G), 4G, GPRS, Bluetooth, RS485			
Certification				
Safety Standard	IEC62109-1/-2			
EMC Standard	IEC61000-6-1/-2/-3			
Grid Code	AS4777.2, EN50549-1, G98, G99, ABNT NBR16149, ABNT NBR16150, VDE4105, CEI0-21, RD1699			
Warranty	5 Years			