

Technical Data					
Model	CE-3P3KEG		CE-3P4KEG	CE-3P5KEG	CE-3P6KEG
Input (PV)					
Max. Input Voltage (V)			1100		
Start-up Input Voltage (V)			120		
MPPT Voltage Range (V)			100~1080		
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)			3000		
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				