

Single Phase On Grid Inverter

CE-IP2/3,6KEG
CE-IP3/4KEG-Mini



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-IP2KEG	CE-IP3KEG-Mini	CE-IP3,6KEG	CE-IP4KEG-Mini
Input (PV)				
Max. Input Voltage (V)			600	
Start-up Input Voltage (V)			40	
MPPT Voltage Range (V)			80-580	
Max. Input Current (A)			18	
Max. Short Circuit Current (A)			22	
Number of MPPTs			1	
String Number per MPPT			1	
Output (Grid)				
Rated Output Power (kW)	2	3	3.6	4
Max. Output Apparent Power (kVA)	2	3	3.6	4
Max. Output Active Power (kW)	2	3	3.6	4
Rated AC Voltage (V)		220/230/240, L+N+PE		
AC Voltage Range (V)		180-300 (adjustable)		
Max. Output Current (A)	8.7	13.0	15.7	17.4
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		
Integrated 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~+50, >45 derating		
Relative Humidity Range		0-100% (no condensing)		
Max. Operating Altitude (m)		3,000		
Noise Emission (dB)		≤20		
Dimension (mm)		342W×352H×110D		
Weight (kg)		6		
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, G99, G99, ABNT NBR16149, ABNT NBR16150, VDE4105, C-10-21, RD1699		
Warranty		5 Years		