

Single Phase On Grid Inverter

CE-IP0.6/0.7/0.8/1/1.5KEG



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-IP0.6KEG	CE-IP0.7KEG	CE-IP0.8KEG	CE-IP1KEG	CE-IP1.5KEG
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)	0.6	0.7	0.8	1	1.5
Max. Output Apparent Power (kVA)	0.6	0.7	0.8	1	1.5
Max. Output Active Power (kW)	0.6	0.7	0.8	1	1.5
Rated AC Voltage (V)	220/230/240, L+N+PE				
AC Voltage Range (V)	180-300 (adjustable)				
Max. Output Current (A)	2.6	3.0	3.5	4.3	6.5
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				
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~+60, >45 derating				
Relative Humidity Range	0-100% (no condensing)				
Max. Operating Altitude (m)	3,000				
Noise Emission (dB)	20				
Dimension (mm)	342W×352H×100D				
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, G98, G99, ABNT NBR16149, ABNT NBR16150, VDE4105, CED-21, RD1699				
Warranty	5 Years				