

Three Phase On Grid Inverter

CE-3P40/50/60KEG



Product Features

- High PV string input current up to 20A
- 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-3P40KEG	CE-3P50KEG	CE-3P60KEG
Input (PV)			
Recommended Max. PV Power (kWp)	60	75	90
Max. Input Voltage (V)		1,100	
Start-up Input Voltage (V)		50	
MPPT Voltage Range (V)		100-1,080	
Number of MPPTs	4	5	6
String Number per MPPT	2	2	2
Max. MPPT Input Current (A)	40	40	40
Max. MPPT Short Circuit Current (A)	60	60	60
Output (Grid)			
Rated Output Power (kW)	40	50	60
Max. Output Apparent Power (kVA)	40	50	60
Max. Output Active Power (kW)	40	50	60
Rated AC Voltage (V)		220/380, 230/400, 240/415, 3L+N+PE	
AC Voltage Range (V)		312-520	
Max. Output Current (A)	58.0	72.5	87.0
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		98.8%	
European Efficiency		98.3%	
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		Smart Fan & Natural Convection	
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)		710W×521H×288D	
Weight (kg)		50	
DC Connector		MC4/D4	
Communication		WiFi (2.4G), 4G, GPRS, Bluetooth, RS485	
Certification			
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, CEI0-21, RD1699	
Warranty		5 Years	