

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 eariler
- 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		
Protection Degree	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)	700W×519H×270D		
Weight (kg)	45		
DC Connector	MC4/D4		
Communication	WiFi (2.4G), 4G, GPRS, Bluetooth, RS485		
Certification			
Safety Standard	IEC-62109-1/-2		
EMC Standard	IEC-61000-6-1/-2/-3		
Grid Code	AS/NZS4777:2020, EN50549-10:2022, G98:2021, G99:2021, NC RFG, ABNT NBR 16150, VDE-AR-N 4105, CEI0-21, CEI0-16, RD1699, NA/EEA, C10:2019, PPDS:2021, Tor+R25, IEC61683, IEC61727&62161		