

Three Phase On Grid Inverter

CE-3P40/50/60/75KEG



Product Features

- High PV input current up to 18A
- Low PV start-up voltage, generate power earlier
- Support Bluetooth communication, easier inverter parameter setting and monitoring
- High converter efficiency
- IP66 protection degree

Technical Data

Model	CE-3P40KEG	CE-3P50KEG	CE-3P60KEG	CE-3P75KEG
Input (pV)				
Max. Input Voltage (V)	1100			
Start-up Input Voltage (V)	50			
MPPT Voltage Range (V)	100-1080			
Max. Input Current (A)	5×36	6×36	6×36	6×36
Max. Short Circuit Current (A)	5×44	6×44	6×44	6×44
Number of MPPTs	5	6	6	6
String Number per MPPT	2/10	2/12	2/12	2/12
Output (Grid)				
Rated Output Power (kW)	40	50	60	75
Max. Output Apparent Power (kVA)	40	50	60	75
Max. Output Active Power (kW)	40	50	60	75
Rated AC Voltage (V)	220/380, 230/400, 240/415			
AC Voltage Range (V)	312-520			
Max. Output Current (A)	13	17.4	20	21.7
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	<0.5mA			
Efficiency				
Max. Efficiency	98.8%			
European Efficiency	98.3%			
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	Smart fan			
Operating Temperature Range (°C)	-25-60, >45 derating			
Relative Humidity Range	0-100% (no condensing)			
Max. Operating Altitude (m)	3000			
Noise Emission (dB)	≤40			
Dimension (mm)	700W×518H×270D			
Weight (kg)	50			
Display	Wireless, APP LCD			
Communication	WiFi (2.4G), 4G, GPRS, Bluetooth, RS485			
Certification				
Safety Standard	IEC-62109-1/-2, IEC-62477-1/-2			
EMC Standard	IEC-61000-6-1/-2/-3, NB/T32004			
Grid Code	AS/NZS 4777.2:2020, EN50546-1:2019, GB/T 3989:2021, GB/T 3989:2021, NC REG, DTBRIE, ABNT NBR 16149, ABNT NBR 16150, VDE-AR-N 4105, CEI0-21, RD1699			
Warranty	5 Years			