

Three Phase On Grid Inverter

CE-3P75/80/90/100/110KEG



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-3P75KEG	CE-3P80KEG	CE-3P90KEG	CE-3P100KEG	CE-3P110KEG
Input (PV)					
Recommended Max. PV Power (kWp)	112.5	120	135	150	165
Max. Input Voltage (V)	1,100				
Start-up Input Voltage (V)	50				
MPPT Voltage Range (V)	100-1,080				
Number of MPPTs	7			9	
String Number per MPPT	2			2	
Max. MPPT Input Current (A)	7x40			9x40	
Max. MPPT Short Circuit Current (A)	7x60			9x60	
Output (Grid)					
Rated Output Power (kW)	75	80	90	100	110
Max. Output Apparent Power (kVA)	75	80	90	100	110
Max. Output Active Power (kW)	75	80	90	100	110
Rated AC Voltage (V)	220/380, 230/400, 240/415, 3L+N+PE				
AC Voltage Range (V)	310-520				
Max. Output Current (A)	108.7	115.9	130.4	144.9	159.4
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	98.3%				
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 fans				
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)	1,020W×696H×300D				
Weight (kg)	85				
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				