

Three Phase On Grid Inverter

CE-3P5/6KEG-Pro
CE-3P8/10KEG



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
- 3 MPPTs, install more panels in different directions
- ARC fault detection optional

Technical Data

Model	CE-3P5KEG-Pro	CE-3P6KEG-Pro	CE-3P8KEG	CE-3P10KEG
Max. Input Voltage (V)	1100			
Start-up Input Voltage (V)	120			
MPPT Voltage Range (V)	100~1080			
Max. Input Current (A)	18+18+18			18+18+36
Max. Short Circuit Current (A)	22+22+22			22+22+44
Number of MPPTs	3			
String Number per MPPT	1+1+1			1+1+2
Rated Output Power (kW)	5	6	8	10
Max. Output Apparent Power (kVA)	5	6	8	10
Max. Output Active Power (kW)	5	6	8	10
Rated AC Voltage (V)	220/230/240, L+N+PE			
AC Voltage Range (V)	277~460 (adjustable)			
Max. Output Current (A)	7.25	8.7	11.6	14.5
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			
Max. Efficiency	98.6%			
European Efficiency	98.3%			
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			
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)	3000			
Noise Emission (dB)	20			
Dimension (mm)	411Wx401Hx162D			
Weight (kg)	15			
Display	Wireless, APP, LCD			
Communication	WiFi (2.4G), 4G, GPRS, Bluetooth, RS485			
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, CEI0-21, RD1699			
Warranty	5 Years			