

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-3P8KEG	CE-3P10KEG
Input (PV)			
Max. Input Voltage (V)	1100		
Start-up Input Voltage (V)	50		
MPPT Voltage Range (V)	100-1080		
Max. Input Current (A)	18+18+18	18+18+18	18+18+36
Max. Short Circuit Current (A)	22+22+22	22+22+22	22+22+44
Number of MPPTs	3		
String Number per MPPT	1+1+1	1+1+1	1+1+1
Output (Grid)			
Rated Output Power (kW)	5	6	8
Max. Output Apparent Power (kVA)	5	6	8
Max. Output Active Power (kW)	5	6	8
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
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	Transformeless		
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)	411W×401H×162D		
Weight (kg)	15		
Display	Wireless, APP, LCD		
Communication	WiFi (2.4G), 4G, GPRS, Bluetooth, RS485		
Certification			
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, C10-21, RD1699		
Warranty	5 Years		