

Three Phase On Grid Inverter



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

Product Features

- High PV input current, up to 18A
- LoV 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
Input (PV)				
Max. Input Voltage (V)		1,100		
Start-up Input Voltage (V)		50		
MPPT Voltage Range (V)		100-1,080		
Max. Input Current (A)	18+18+18	18+18+18	18+18+18	18+18+36
Max. Short Circuit Current (A)	22+22+22	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	1+1+2
Output (Grid)				
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		
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		Natural cooling		
Operating Temperature Range(°C)		-25~+60, >45 derating		
Relative Humidity Range		0-100% (no condensing)		
Max. Operating Altitude (m)		3,000		
Noise Emission (dB)		20		
Dimension (mm)		411Wx401Hx162D		
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, CEI0-21, RD1699		
Warranty		5 Years		