

Three Phase On Grid Inverter

CE-3PI5/18/20/KEG-Pro
CE-3P22/25/30KEG



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-3PI5KEG-Pro CE-3PI8KEG-Pro CE-3P20KEG-Pro CE-3P22KEG CE-3P25KEG CE-3P30KEG									
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+36							
Max. Short Circuit Current (A)		44+44+44							
Number of MPPTs		3							
String Number per MPPT		2+2+2							
Output(Grid)									
Rated Output Power (kW)		15	18	20	22	25	25	30	30
Max. Output Apparent Power (kVA)		15	18	20	22	25	25	30	30
Max. Output Active Power (kW)		15	18	20	22	25	25	30	30
Rated AC Voltage (V)		220/380/230/400, 3L+N+PE							
AC Voltage Range (V)		277-460 (adjustable)							
Max. Output Current (A)		21.7	26.1	29	31.9	36.2	36.2	43.5	43.5
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		External fan-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)		40							
Dimension (mm)		478W×461H×174D							
Weight (kg)		21							
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, CED-21, RD1699							
Warranty		5 Years							