

Three Phase On Grid Inverter

CE-3P12/15/18/20KEG



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-3P12KEG	CE-3P15KEG	CE-3P18KEG	CE-3P20KEG
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+36			
Max. Short Circuit Current (A)	22+22+44			
Number of MPPTs	3			
String Number per MPPT	1+1+2			
Output(Grid)				
Rated Output Power (kW)	12	15	18	20
Max. Output Apparent Power (kVA)	12	15	18	20
Max. Output Active Power (kW)	12	15	18	20
Rated AC Voltage (V)	220/380,230/400, 3L+N+PE			
AC Voltage Range (V)	277-460(adjustable)			
Max. Output Current (A)	17.4	21.7	26.1	29
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)	411Wx401Hx162D			
Weight (kg)	15.2			
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 NBRI6149, ABNT NBRI6150, VDE4105, CEI0-21, RD1699			
Warranty	5 Years			