Three Phase On Grid Inverter

CE-3P125/136KEG

Product Features

- High PV input current up to 18A
- Low PV start-up voltage, generate power earlier
- Support Bluetooth communication, easier inverter parameter setting and monitoring
- High converter efficiency
- IP66 protection degree

Technical Data

Model	CE-3P125KEG	CE-3P136KEG
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)	9×36	
Max. Short Circuit Current (A)	9×44	
Number of MPPTs	9	
String Number per MPPT	2/18	
Output(Grid)		
Rated Output Power (kW)	125	136
Max. Output Apparent Power (kVA)	125	136
Max. Output Active Power (kW)	125	136
Rated AC Voltage (V)	310/540	
AC Voltage Range (V)	480/540	
Max. Output Current (A)	134.4	146.2
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	98.8%	
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	Smart fan	
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)	1,000W×654H×300D	
Weight (kg)	85	
Display	Wireless, APP, LCD	
Communication	WiFi (2.4G), 4G, GPRS, Bluetooth, RS485	
Certification		
Safety Standard	IEC-62109-1/-2, IEC-62477-1/-2	
EMC Standard	IEC-61000-6-1/-2/-3, NB/T32004	
Grid Code	AS/NZS 4777.2:2020, EN50549-1:2019, G98:2021, G99:2021, NC RFG, PTPiREE, ABNT NBR 16149, ABNT NBR 16150, VDE-AR-N 4105, CEI0-21, RD1699	
Warranty	5 Years	