

Single Phase On Grid Inverter

CE-1P4K1G
CE-1P5K1G
CE-1P6K1G



Product Features

- IP65 waterproof and dustproof, C5 anti-corrosion
- Compatible with wide power grid voltage and high harmonic power grid environment
- DC /AC SPD optional, AFCI detection optional
- Remote configuration and upgrade
- Support export power control

Technical Data

Model	CE -1P4K1G	CE -1P5K1G	CE -1P6K1G
Input (PV)			
Max. Input Voltage (V)		550	
Start Input Voltage (V)		90	
MPPT Voltage Range (V)		70 -540	
Max. Input Current (A)		13+13	
Max.Short Circuit Current(A)		15+15	
Number of MPPTs		2	
Max. Input String Number		1+1	
Output(Grid)			
Rated AC Active Power (W)	4,000	5,000	6,000
Max. AC Apparent Power (VA)	4,400	5,500	6,600
Max. AC Active Power (W)	4,400	5,500	6,600
Rated AC Voltage (V)		220/230, L+N+PE	
Max. AC Output Current (A)	20	25	27.3
Rated Grid Frequency (Hz)		50 / 60	
Grid Frequency Range (Hz)		45~55 or 55~65 (Adjustable)	
Power Factor		>0.99 Rated power (Adjustable 0.8 Leading-0.8 Lagging)	
THDI		<3% (Rated Power)	
DC Current Injection		<0.5%In	
Efficiency			
Max. Efficiency	98.0%	98.2%	98.2%
European Efficiency	97.0%	97.3%	97.4%
Protection			
DC Switch		Support	
Anti -islanding Protection		Support	
AC Overcurrent Protection		Support	
AC Short Circuit Protection		Support	
DC Reverse Connection		Support	
Surge Arrester		DC Type III (Optional) / AC Type II	
Insulation Detection		Support	
Leakage Current Protection		Support	
General			
Topology		Transformerless	
IP Rating		IP65	
Night Self Consumption (W)		<1	
Cooling		Natural cooling	
Operating Temperature Range(°C)		-25 -60	
Relative Humidity Range		0 -100%	
Max. Operating Altitude (m)		4000	
Noise (dB)		30 (Typical)	
Dimensions (mm)		347*350*137 (W*H*D)	
Weight (kg)		8.5	
Display		Wireless & APP+LED, LCD (Optional)	
Communication		WiFi (Optional) / GPRS (Optional) /LAN (Optional)	
Certification			
Safety		IEC62109-1, IEC62109-2	
Grid Code		IEC 61727/62116, ABNT 16149/16150, IEEE1547, AS 4777	
Warranty		5 Years	