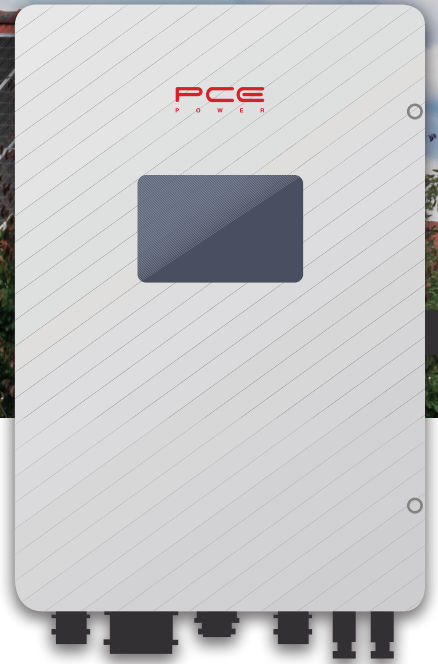




CASA-S-G4 Inverter 3/4/5/6 kW Single Phase | Low Voltage Hybrid | On/off-grid



The CASA-S-G4 hybrid inverter delivers reliable, uninterrupted 24/7 power you can depend on. With advanced feed-in capability, it helps reduce your electricity costs while maximizing energy efficiency. Featuring selectable high-power charging current, a wide input voltage range, and pure, stable output, it is the perfect solution to safely power your home appliances and sensitive electronic devices.

PRODUCT FEATURES



200-400% Grid Input Power
54A Grid Input Current



Support 184-276V AC
Voltage Range, Support
45-65Hz Frequency



150-200% PV Input Power
18A PV Current, 2 MPPTs



120-200% Overload



Smart Fan, Ultra Silence



6 Units in Parallel



<8ms On/Off-grid
Switchover



>200% Generator Input Power
Executive Generator Port
Smart Monitoring



IP65, Smaller Size
Easier for Installation
and Price-wise in Shipping

SPECIFICATIONS

Model Name	CASA-S-3K-G4	CASA-S-4K-G4	CASA-S-5K-G4	CASA-S-6K-G4
Off-grid Output				
Rated Output Power	3000 W	4000 W	5000 W	6000 W
Max. Apparent Power	3300 VA	4400 VA	5500 VA	6600 VA
Rated Voltage	220V/230V/240V			
Rated Frequency	50/60Hz			
Rated Output Current	13.6 A @ 230 V	18.2 A @ 230 V	22.7 A @ 230 V	27.2 A @ 230 V
Output THDu	<2%			
Generator Input Current	54 A			
On-grid Parameter				
Rated Output Power	3000 W	4000 W	5000 W	6000 W
Max. Output Current	13.6 A	18.2 A	22.7 A	27.2 A
Max. Input Current from Grid	54 A			
Rated Grid Voltage	220V/230V/240V			
Grid Voltage Range	184-276V			
Frequency Range	45-65Hz			
PV Input				
Max. Input Power	6000 Wp	8000 Wp	9000 Wp	9000 Wp
Starting Voltage	95 V			
Max. Input Voltage	500 V			
MPPT Voltage Range	80-500 V			
Number of MPPT	2			
Max. Input String Per MPPT	1			
Rated Input Voltage	360V			
Max. Input Current	18 A/18 A			
Short-Circuit Current	22 A/22 A			
Battery Parameter				
Battery Type	Lithium-ion / Lead-Acid (optional)			
Rated Battery Voltage	51.2 V			
Battery Voltage Range	30-60 V			
Max. Charging Voltage	≤60 V			
Battery Charging/Discharging Current	125 A			
Efficiency				
Max. Efficiency	97.5%	97.6%	97.6%	97.6%
European Efficiency	97.2%	97.2%	97.2%	97.2%
Max. Battery Charging/Discharging Efficiency	94%			
General Data				
Size(W*H*D)	325mm*480mm*188.5mm			
Weight	21 kg			
Noise	<45dB			
Operating Temperature	-25°C ~ +60°C (>45°C Derating)			
Operating Altitude	4000 mm (>3000m Derating)			
Cooling Method	Intelligent Air Cooling			
Ingress Protection Grade	IP65			
Monitoring	LCD/APP/WIFI/Bluetooth/4G/LAN			
Communication Port	RS485/CAN/DO/Parallel port			
Protection	DC Switch; AC Overvoltage Protection; AC Overcurrent Protection; AC Short Circuit Protection; Anti-islanding Protection; Residual Current Monitoring; Surge Protection:LEVEL II; Reverse Polarity Protection(PV&Battery) ;Lightning Protection			
Certification				
CE-LVD	IEC 62109-1, IEC 62109-2, EN 62109-1, EN 62109-2, IEC 62477-1			
CE-EMC	EN 61000-6-1, EN 61000-6-2, EN 61000-6-3, EN 61000-6-4, EN 62920			

Product specifications are subject to change without prior notice.