

CASA-I-G4 Inverter


30/50/60 kW


Commercial & Industrial | High Voltage


The CASA-I-G4 C&I 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


 SiC Technology,
Max. Efficiency 98.6%

 2 Independent Battery
Ports for Mixture Use of
Old & New Battery


 150%-340% PV Input Power,
4 MPPTs, PV Input Current 40A,
Higher Compatibility with PV
Panel


 200%-470% Grid Input Power,
150A Grid Input Current
Supplying to Loads & Charging
Battery in Parallel

 150% Overload,
AFCl Function(Optional)
Generator Control

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

 Executive Generator Port,
Smart Monitoring
Max Generator Input Current 150A

 Battery Current 160A,
High Adapability with
Battery

 6 Units in Parallel
(Off-grid Mode)

SPECIFICATIONS

Model Name	CASA-I-30K-G4	CASA-I-50K-G4	CASA-I-60K-G4
Off-grid Output			
Rated Output Power	30 kW	50 kW	60 kW
Max. Apparent Power	33 kVA	55 kVA	60 kVA
Rated Voltage	3L/N/PE, 220/380V; 230/400V		
Rated Frequency	50Hz/60Hz		
Rated Output Current	43.5 A	72.5 A	87 A
Max. Output Current	47.9 A	79.8 A	87 A
Peak Power & Duration	150%(10s)		
Generator Input Current	150 A		
THDu	<3%		
On-grid Parameter			
Rated Output Power	30 kW	50 kW	60 kW
Rated Grid Voltage	3L/N/PE,220/380V; 230/400V		
Rated Grid Frequency	50Hz/60Hz		
Rated Output Current	43.5 A	72.5 A	87 A
Grid Input Current	150 A		
PV Input			
Max. DC Input Power	75000 Wp		
Max.Input Voltage	1000 V		
Rated Input Voltage	600 V		
Starting Voltage	180 V		
MPPT Voltage Range	150-850 V		
Max. Input String Per MPPT	4/8		
Max. DC Input Current	4*40 A		
Short -circuit Current	4*60 A		
Battery Parameter			
Battery Type	Lithium-ion / Lead-Acid / Sodium-ion		
Battery Voltage Range	140-800V		
Max. Charing/Discharing Power	30 kW	50 kW	60 kW
Max. Charing/Discharing Current	80A*2		
Number of Battery Input Ports	2		
Efficiency			
Max. Efficiency	98.6%		
European Efficiency/CEC Efficiency	97.97%		
Max. Battery Charging/Discharging Efficiency	98%		
General Data			
Size(W*H*D)	850mm*550mm*295mm		
Weight	88 kg		
Noise	55dB (A)		
Operating Temperature	-25°C~+60°C		
Operating Altitude	4000 m (>3000 m Derating)		
Humidity Range	0-100%		
Ingress Protection Grade	IP66		
Cooling Method	Intelligent Air Cooling		
Monitoring	LED+Bluetooth+APP, WIFI/LAN/4G		
Communication Port	RS485*1, Internet/WIFI/4G, DO*2, DI*2, AI*1, AO*1, DRM*1		
DC Power	12VDC 2 A		

* Overload output is dependent on sufficient PV and battery energy