

# Sigen Energy Gateway



- Multiple Sigen C&I inverters connections supported for micro-grid system
- Seamless switchover, ensuring 0ms load-side disruption
- Built-in bypass circuit for enhanced system reliability
- Supports diesel generator connection & smart control
- Real-time current monitoring with 350ms anti-backflow protection

Sigen Gateway	C600-B	C1200-B	Units
<b>Grid Connection</b>			
Grid connection type	Three phase		
Nominal AC voltage	380 ~ 400		V
Nominal AC current	912	1,824	A
Nominal AC power	600	1,200	kW
Nominal AC frequency	50 / 60		Hz
Disruption time of backup switch <sup>1</sup>	0		ms
<b>AC Output to Backup Port</b>			
Nominal AC voltage	380 ~ 400		V
Nominal AC current	912	1,824	A
Nominal AC power	600	1,200	kW
Nominal AC frequency	50 / 60		Hz
Overvoltage category	III		
<b>Inverter Connection</b>			
Number of connection ports	10	20	
Nominal AC voltage	380 ~ 400		V
Max. AC input current per connection	190	190	A
Max. AC input power per connection	125	125	kW
<b>Smart Port Connection</b>			
Generator output voltage	380 ~ 400		V
Nominal AC current	912	1,824	A
Nominal AC power	600	1,200	kW
Generator 2-wire start	Supported		
<b>General Data</b>			
Dimensions (W / H / D)	1,800 / 2,300 / 1,270		mm
Weight	1,100	1,300	kg
Storage temperature range	-40 ~ 70		°C
Operating temperature range <sup>2</sup>	-30 ~ 55		°C
Relative humidity range	0% ~ 95%		
Max. operation altitude <sup>2</sup>	4,000		m
Cooling	Smart air cooling		
Ingress protection rating	IP20		
Communication	Fast Ethernet, RS485, dry contact		
Installation method	Ground-mounted		

1. This refers to the load-side disruption time, to achieve this functionality Sigen Energy Gateway needs to be used together with Sigen Hybrid Inverter and Sigen Battery. Test conditions: In the open-circuit state of the power grid, the nominal power of the Sigen Hybrid Inverter is higher than the total power of the backup loads.
2. Please consult Sigenergy for detailed power derating information and customized requirements.

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