

# Sigen Energy Gateway



- Multiple SigenStor connections supported for micro-grid system
- Seamless backup, worry-free energy usage for your business
- Generator supported, abundant backup power
- 350 ms reverse power flow protection of grid & generator
- Uninterrupted power supply through PV+ESS/grid/generator

## Sigen Energy Gateway

Preliminary

Sigen Gateway	C60-2	C120-6	C180-9	C300-12	C600	C1200	Units	
Grid Connection								
Grid connection type	Three phase							
Nominal AC voltage	380 ~ 400							V
Nominal AC current	91.2	182.4	274	456	912	1824	A	
Nominal AC power	60	120	180	300	600	1200	kW	
Nominal AC frequency	50 / 60							Hz
Disruption time of backup switch <sup>1</sup>	0							ms
AC Output to Backup Port								
Nominal AC voltage	380 ~ 400							V
Nominal AC current	91.2	182.4	274	456	912	1824	A	
Nominal AC power	60	120	180	300	600	1200	kW	
Nominal AC frequency	50 / 60							Hz
Overvoltage category	III							
Inverter Connection								
Number of connection ports	2	6	9	12	30	50		
Nominal AC voltage	380 ~ 400							V
Max. AC input current	45.6							A
Generator Connection								
Generator output voltage	380 ~ 400							V
Nominal AC current	91.2	182.4	274	456	912	1824	A	
Nominal AC power	60	120	180	300	600	1200	kW	
Generator 2-wire start	Supported							
General Data								
Dimensions (W / H / D)	510 / 795 / 173	850 / 1152 / 305	800 / 2300 / 830		1800 / 2300 / 1270		mm	
Weight	35	74	350	400	1100	1300	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>	4000							m
Cooling	Natural convection				Smart air cooling			
Ingress protection rating	IP54		IP20					
Communication	Fast Ethernet , RS485, dry contact							
Installation method	Wall-mounted		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 Energy Controller and Sigen Battery. Test conditions: In the open-circuit state of the power grid, the nominal power of the Sigen Energy Controller 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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