

Sigen Gateway	C180-9	C600-30	C1200-50	Units
Grid Connection				
Grid connection type	Three phase			
Nominal AC voltage	400			V
Nominal AC current	259.8	866	1732.1	A
Nominal AC power	180	600	1200	kW
Nominal AC frequency	50 / 60			Hz
Disruption time of backup switch ¹	0			ms
AC Output to Backup Port				
Nominal AC voltage	400			V
Nominal AC current	259.8	866	1732.1	A
Nominal AC power	180	600	1200	kW
Nominal AC frequency	50 / 60			Hz
Overvoltage category	III			
Inverter Connection				
Number of connection ports	9	30	50	
Nominal AC voltage	400			V
Max. AC input current	43.3	43.3	43.3	A
Generator Connection				
Generator output voltage	400			V
Nominal AC current	259.8	866	1732.1	A
Nominal AC power	180	600	1200	kW
Generator 2-wire start	Supported			
General Data				
Dimensions (W / H / D)	800 / 2300 / 800	1800 / 2200 / 1000	1800 / 2200 / 1000	mm
Storage temperature range	-40 ~ 70			°C
Operating temperature range ²	-30 ~ 55			°C
Relative humidity range	0% ~ 95%			
Max. operation altitude ²	4000			m
Cooling	Natural convection	Smart air 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 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 contact Sigenergy for power derating information.