

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.