

Sigen Gateway	C300-B	Units
Grid Connection		
Grid connection type	Three phase	
Nominal AC voltage	380 ~ 400	V
Nominal AC current	456	A
Nominal AC power	300	kW
Nominal AC frequency	50 / 60	Hz
Disruption time of backup switch ¹	0	ms
AC Output to Backup Port		
Nominal AC voltage	380 ~ 400	V
Nominal AC current	456	A
Nominal AC power	300	kW
Nominal AC frequency	50 / 60	Hz
Overvoltage category	III	
Inverter Connection		
Number of connection ports	6	
Nominal AC voltage	380 ~ 400	V
Max. AC input current	125	A
Max. AC power	60	kW
Generator Connection		
Generator output voltage	380 ~ 400	V
Nominal AC current	456	A
Nominal AC power	300	kW
Generator 2-wire start	Supported	
General Data		
Dimensions (W / H / D)	800 / 2,300 / 830	mm
Weight	400	kg
Storage temperature range	-40 ~ 70	°C
Operating temperature range ²	-30 ~ 55	°C
Relative humidity range	0% ~ 95%	
Max. operation altitude ²	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 total 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.