

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 Gateway	HomeMax TP	C120-6	C180-9	C300-12	C600-30	C1200-50	Units
Grid Connection							
Grid connection type	Three phase						
Nominal AC voltage	380 ~ 400						
Nominal AC current	76	182.4	274	456	912	1824	A
Nominal AC power	50	120	180	300	600	1200	kW
Nominal AC frequency	50 / 60						
Disruption time of backup switch ¹	0						
AC Output to Backup Port							
Nominal AC voltage	380 ~ 400						
Nominal AC current	76	182.4	274	456	912	1824	A
Nominal AC power	50	120	180	300	600	1200	kW
Nominal AC frequency	50 / 60						
Overvoltage category	III						
Inverter Connection							
Number of connection ports	2	6	9	12	30	50	
Nominal AC voltage	380 ~ 400						
Max. AC input current	38	45.6	45.6	45.6	45.6	45.6	A
Generator Connection							
Generator output voltage	380 ~ 400						
Nominal AC current	76	182.4	274	456	912	1824	A
Nominal AC power	50	120	180	300	600	1200	kW
Generator 2-wire start	Supported						
General Data							
Dimensions (W / H / D)	510 / 750 / 179	850 / 1100 / 305	800 / 2300 / 830		1800 / 2300 / 1270		mm
Weight	23	74	345	400	1500	1500	kg
Storage temperature range	-40 ~ 70						
Operating temperature range ²	-30 ~ 55						
Relative humidity range	0% ~ 95%						
Max. operation altitude ²	4000						
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.

Disclaimer: The information in this file is provided on an "as is" basis. To the fullest extent permitted by law, Sigenergy Technology Co., Ltd. excludes all representations and warranties relating to this file and its contents or which is or may be provided by any affiliates or any other third party, including in relation to any inaccuracies or omissions in this file.