

Sigen Energy Gateway



- 0 ms load side disruption, worry-free energy usage
- Ready for generator, heat pump and other controllable loads
- 350 ms reserve power flow protection of grid & generator
- Uninterrupted power supply through PV+ESS/grid/generator

Sigen Energy Gateway HomeMax Three Phase

Preliminary

Sigen Gateway	HomeMax TP	Units
Grid Connection		
Grid connection type	Three phase	
Nominal AC input / output voltage	380 / 400	V
Nominal AC input / output current	76	A
Nominal AC input / output power	50 / 52.6	kW
Nominal AC frequency	50 / 60	Hz
Disruption time of backup switch ¹	0	ms
AC Output to Backup Port		
Nominal AC output voltage	380 / 400	V
Nominal AC output current	76	A
Nominal AC output power	50 / 52.6	kW
Nominal AC frequency	50 / 60	Hz
Overvoltage category	III	
Inverter Connection		
Max. number of connections	2	
Nominal AC voltage	380 / 400	V
Nominal AC input current	38	A
Smart Port Connection		
Generator output voltage	380 / 400	V
Nominal input / output current	76	A
Nominal AC input / output power	50 / 52.6	kW
Generator 2-wire start	Supported	
General Data		
Dimensions (W / H / D)	510 / 750 / 179	mm
Weight	23	kg
Storage temperature range	-40 ~ 70	°C
Operating temperature range	-30 ~ 55	°C
Relative humidity range	0% ~ 95%	
Max. operation altitude	4000	m
Cooling	Natural convection	
Ingress protection rating	IP54	
Communication	Fast Ethernet, RS485, dry contact	
Installation method	Wall 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.