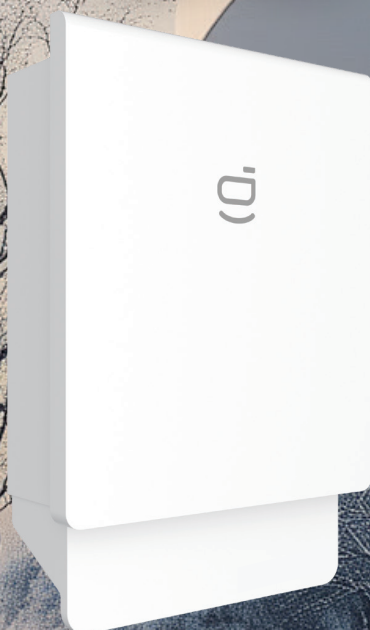




• Single Phase



• Three Phase



# Sigen Energy Gateway HomePro

- Seamless switch to backup mode, worry-free energy usage
- Ready for generator, heat pump or other controllable loads
- Support both whole home backup & partial home backup
- 350 ms reverse power flow protection of grid & generator
- Uninterrupted power supply through PV+ESS/grid/generator

# Sigen Energy Gateway HomePro

Preliminary

Sigen Gateway	HomePro SP	HomePro TP	Units
<b>Grid Connection</b>			
Grid connection type	Single Phase	Three phase	
Nominal AC voltage	220 / 230 / 240	380 / 400	V
Nominal AC current	54.6	45.6	A
Nominal AC power	12	30	kW
Nominal AC frequency	50 / 60		Hz
Disruption time of backup switch <sup>1</sup>	0		ms
<b>AC Output to Backup Port</b>			
Nominal AC voltage	220 / 230 / 240	380 / 400	V
Nominal AC current	54.6	45.6	A
Nominal AC power	12	30	kW
Nominal AC frequency	50 / 60		Hz
Overvoltage category	III		
<b>Inverter Connection</b>			
Nominal AC voltage	220 / 230 / 240	380 / 400	V
Nominal AC current	54.6 / 32 <sup>2</sup>	45.6	A
Nominal AC power	12 / 6 <sup>2</sup>	30	kW
<b>Smart Port Connection</b>			
Generator output voltage	220 / 230 / 240	380 / 400	
Nominal current	54.6	45.6	A
Nominal AC power	12	30	kW
Generator 2-wire start	Supported		
<b>General Data</b>			
Dimensions (W / H / D)	480 / 700 / 194	450 / 695 / 163	mm
Weight	20	25	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 (Support rear-wiring)	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.
2. For Sigen single phase inverter products, 8.0-12.0 kW inverters should be connected to the INV1 port, 3.0-6.0 kW inverters should be connected to the INV2 port. Only one inverter can be connected to the Gateway.

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