

# Sigen Energy Gateway HomePro

- Seamless switchover, ensuring 0ms load-side disruption
- Built-in bypass circuit for enhanced system reliability
- Supports diesel generator connection & smart control
- Real-time current monitoring with 100ms zero export
- PV / ESS / grid / generator / V2X, multi-source seamless switching
- Whole-house backup & smart prioritized backup supported

Three phase



Single phase



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Sigen Gateway	HomePro SP	HomePro SP-F	HomePro TP	Units
Grid Connection				
Grid connection type	Single Phase		Three phase	
Nominal AC voltage	220 / 230 / 240		380 / 400	V
Nominal AC current	54.6	100	45.6	A
Nominal AC power	12	22	30	kW
Nominal AC frequency	50 / 60			Hz
Disruption time of backup switch <sup>1</sup>	0			ms
AC Output to Backup Port				
Nominal AC voltage	220 / 230 / 240		380 / 400	V
Nominal AC current	54.6	100	45.6	A
Nominal AC power	12	22	30	kW
Nominal AC frequency	50 / 60			Hz
Overvoltage category	III			
Inverter Connection				
Nominal AC voltage	220 / 230 / 240		380 / 400	V
Nominal AC current	54.6 / 32 <sup>2</sup>	55	45.6	A
Nominal AC power	12 / 6 <sup>2</sup>	12	30	kW
Smart Port Connection				
Generator output voltage	220 / 230 / 240		380 / 400	V
Nominal current	54.6	55	45.6	A
Nominal AC power	12	12	30	kW
Generator 2-wire start	Supported			
General Data				
Dimensions (W / H / D)	450 / 570 / 197 (without decorative cover)	450 / 695 / 177 (without decorative cover)	450 / 695 / 163	mm
Weight	25 (without decorative cover)	25 (without decorative cover)	25	kg
Storage temperature range	-40 ~ 70			°C
Operating temperature range	-30 ~ 55			°C
Relative humidity range	0% ~ 100%			
Max. operation altitude	4000			m
Cooling	Natural convection			
Ingress protection rating	IP55			
Communication	Fast Ethernet, RS485, dry contact			
Installation method	Wall mounted (Support rear-wiring)	Wall mounted	Wall mounted	

- 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.
- For Sigenenergy 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. The total power of the inverter cannot exceed 12 kW.
- This product is only available in specific regions. Please contact Sigenenergy or local distributors for details.

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