



Sigen Energy Gateway HomePro SP-F

- 100A high-current design, effortless whole-home backup
- 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 350ms anti-backflow protection
- PV / ESS / grid / generator / V2X, multi-source seamless switching



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Preliminary

Sigen Gateway	HomePro SP-F	Units
Grid Connection		
Grid connection type	Single Phase	
Nominal AC voltage	220 / 230 / 240	V
Nominal AC current	100	A
Nominal AC power	22	kW
Nominal AC frequency	50 / 60	Hz
Disruption time of backup switch ¹	0	ms
AC Output to Backup Port		
Nominal AC voltage	220 / 230 / 240	V
Nominal AC current	100	A
Nominal AC power	22	kW
Nominal AC frequency	50 / 60	Hz
Overvoltage category	III	
Inverter Connection		
Nominal AC voltage	220 / 230 / 240	V
Nominal AC current	55	A
Nominal AC power	12	kW
Smart Port Connection		
Generator output voltage	220 / 230 / 240	V
Nominal current	55	A
Nominal AC power	12	kW
Generator 2-wire start	Supported	
General Data		
Dimensions (W / H / D)	450 / 695 / 177 (without decorative cover)	mm
Weight	25 (without decorative cover)	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	

- 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.
- This product is only available in specific regions. Please contact Sigenergy or local distributors for details.