

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



Sigen Energy Gateway HomePro SP-F

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	

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

Disclaimer: The information in this file is provided on an "as is" basis. To the fullest extent permitted by law, Sigenenergy 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.