

Sigen Energy Gateway



- 3 breaker positions reserved for SigenStor or other loads
- 5 ms 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 HomeMax Three Phase

Preliminary

Sigen Gateway	HomeMax TP	Units
Grid Connection		
Grid connection type	Three phase	
Max. AC input current	50	A
Nominal AC output voltage	380 / 400	V
Nominal AC frequency	50 / 60	Hz
Grid disconnection switchover time	5*	ms
AC Output to Distribution Panel		
Max. AC output current	50	A
Nominal AC frequency	50 / 60	Hz
Nominal AC output voltage	380 / 400	V
Overvoltage category	III	
Inverter Connection / EV Charger Port (optional)		
Max. number of connection	3	
Nominal AC voltage	380 / 400	V
Max. AC circuit breaker	50	A
Max. AC nominal power per inverter connection	25	kW
Compatible EV charger power	11 / 22	kW
EV charging mode	Solar boost charging, time-based charging, load balancing	
Generator / Controllable Load (optional)		
Max. AC input / output power	22.2	kW
Max. continuous input / output current	32	A
Generator output voltage	380 / 400	V
Dry contact switch voltage rating	250 / 30	V _{ac} / V _{dc}
Dry contact switch current rating	1	A
Generator 2-wire start	Supported	
General Data		
Dimensions (W / H / D)	455 / 660 / 179	mm
Weight	17	kg
Storage temperature range	-40 ~ 70	°C
Operating temperature range	-30 ~ 55	°C
Relative humidity range	0% ~ 95%	
Max. operating altitude	4000	m
Cooling	Natural convection	
Ingress protection rating	IP54	
Noise emission	< 25	dB
Communication	FE, RS485, dry contact	
Installation method	Wall-mounted	

* Need to be used together with Sigen Energy Controller / Sigen Storage Controller + Sigen Battery.