

# Sigen Energy Gateway



- Multiple SigenStor connections supported for micro-grid system
- Seamless backup, worry-free energy usage for your business
- Generator supported, abundant backup power
- 350 ms reverse power flow protection of grid & generator
- Uninterrupted power supply through PV+ESS/grid/generator

# Sigen Energy Gateway for Australia

Sigen Gateway	C60 AU	Units
<b>Grid Connection</b>		
Grid connection type	Three phase	
Nominal AC input / output voltage	380 / 400	V
Nominal AC input / output current	91.2	A
Nominal AC input / output power	60	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 output voltage	380 / 400	V
Nominal AC output current	91.2	A
Nominal AC output power	60	kW
Nominal AC frequency	50 / 60	Hz
Overvoltage category	III	
<b>Inverter Connection</b>		
Nominal AC voltage	380 / 400	V
Nominal AC input current	45.6 (INV1), 45.6 (INV2), 30 (INV3) <sup>2</sup>	A
<b>Smart Port Connection</b>		
Generator output voltage	380 / 400	V
Nominal input / output current	91.2	A
Nominal AC input / output power	60	kW
Generator 2-wire start	Supported	
<b>General Data</b>		
Dimensions (W / H / D)	510 / 765 / 173	mm
Weight	35	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	

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. The sum of the parallel power of the Sigenenergy inverters cannot exceed 60 kW.