

Sigen Energy Gateway Home Series Three Phase

Preliminary

Sigen Gateway	Home TP		HomeMax TP	Units
Grid Connection				
Grid connection type	Three phase			
Nominal AC input / output voltage	380 / 400			V
Nominal AC input / output current	38	76		A
Nominal AC input / output power	25 / 26.3	50 / 52.6		kW
Nominal AC frequency	50 / 60			Hz
Disruption time of backup switch ¹	0			ms
AC Output to Backup Port				
Nominal AC output voltage	380 / 400			V
Nominal AC output current	38	76		A
Nominal AC output power	25 / 26.3	50 / 52.6		kW
Nominal AC frequency	50 / 60			Hz
Overvoltage category	III			
Inverter Connection				
Max. number of connections	1	2		
Nominal AC voltage	380 / 400			V
Nominal AC input current	38			A
Smart Port Connection				
Generator output voltage	-	380 / 400		V
Nominal input / output current	-	76		A
Nominal AC input / output power	-	50 / 52.6		kW
Dry contact switch voltage rating	-	250 / 30		Vac/Vdc
Dry contact switch current rating	-	1		A
Generator 2-wire start	-	Supported		
General Data				
Dimensions (W / H / D)	450 / 300 / 160	510 / 750 / 179		mm
Weight	< 15	23		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.

Sigen Energy Gateway HomeMax Three Phase

Preliminary

Sigen Gateway	HomeMax TP	Units
Grid Connection		
Grid connection type	Three phase	
Nominal AC input / output voltage	380 / 400	V
Nominal AC input / output current	76	A
Nominal AC input / output power	50 / 52.6	kW
Nominal AC frequency	50 / 60	Hz
Disruption time of backup switch ¹	0	ms
AC Output to Backup Port		
Nominal AC output voltage	380 / 400	V
Nominal AC output current	76	A
Nominal AC output power	50 / 52.6	kW
Nominal AC frequency	50 / 60	Hz
Overvoltage category	III	
Inverter Connection		
Max. number of connections	2	
Nominal AC voltage	380 / 400	V
Nominal AC input current	38	A
Smart Port Connection		
Generator output voltage	380 / 400	V
Nominal input / output current	76	A
Nominal AC input / output power	50 / 52.6	kW
Dry contact switch voltage rating	250 / 30	Vac/Vdc
Dry contact switch current rating	1	A
Generator 2-wire start	Supported	
General Data		
Dimensions (W / H / D)	510 / 750 / 179	mm
Weight	23	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.

Sigen Energy Gateway C&I Series Three Phase

Preliminary

Sigen Gateway	C120-6	C300-12	Units
Grid Connection			
Grid connection type	Three phase		
Nominal AC input / output voltage	380 / 400		V
Nominal AC input / output current	180	456	A
Nominal AC input / output power	118 / 124	300	kW
Nominal AC frequency	50 / 60		Hz
Disruption time of backup switch ¹	0		ms
AC Output to Backup Port			
Nominal AC output voltage	380 / 400		V
Nominal AC output current	180	456	A
Nominal AC output power	118 / 124	300	kW
Nominal AC frequency	50 / 60		Hz
Overvoltage category	III		
Inverter Connection			
Max. number of connection	6	12	
Nominal AC voltage	380 / 400		V
Max. AC input current	45.6		A
Generator Connection			
Nominal input / output current	180	456	A
Nominal AC input / output power	118 / 124	300	kW
Generator output voltage	380 / 400		V
General Data			
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	IP55	IP21	
Communication	Fast Ethernet , RS485, dry contact		
Installation method	Wall-mounted	Ground-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.