



AIO Gateway Intelligent Management Box

	Multi-load system distribution management.		Maximum 100A load access.
	IP65, plug and play.		Diesel generator access support, intelligent SOC control.
	Intelligent load power scheduling.		Multiple AIOs can be connected for scheduling.

Model	POL-AIO-GW1-2
Grid Output AC	
Nominal AC Power	23000W
Nominal AC Current	100A
Max. AC Current	100A
Rated Voltage	230V.a.c (180 To 270V.a.c)
Rated Grid Frequency	50/60±5Hz
Maximum Output Fault Current	6000A
Maximum Output Overcurrent Protection	100A
General Load Output AC	
Nominal AC Power	23000W
Nominal AC Current	100A
Max. AC Current	100A
Rated Voltage	230V.a.c (180 To 270V.a.c)
Rated Grid Frequency	50/60±5Hz
Maximum Output Fault Current	6000A
Maximum Output Overcurrent Protection	100A
Critical Load Output AC	
Nominal AC Power	9200W
Nominal AC Current	40A
Max. AC Current	40A
Rated Voltage	230V.a.c (180 To 270V.a.c)
Rated Grid Frequency	50/60±5Hz
Maximum Output Fault Current	6000A
Maximum Output Overcurrent Protection	40A
Smart Load Output AC	
Nominal AC Power	9200W
Nominal AC Current	40A
Max. AC Current	40A
Rated Voltage	230V.a.c (180 To 270V.a.c)
Rated Grid Frequency	50/60±5Hz
Maximum Output Fault Current	6000A
Maximum Output Overcurrent Protection	40A
Generator Output AC	
Nominal AC Power	9200W
Nominal AC Current	90A
Max. AC Current	90A
Rated Voltage	230V.a.c (180 To 270V.a.c)
Rated Grid Frequency	50/60±5Hz
Maximum Output Fault Current	6000A
Maximum Output Overcurrent Protection	90A
EV Charger Output AC	
Nominal AC Power	7200W
Nominal AC Current	32A
Max. AC Current	32A
Rated Voltage	230V.a.c (180 To 270V.a.c)
Rated Frequency	50/60±5Hz
Maximum Output Fault Current	6000A
Maximum Output Overcurrent Protection	32A
AIO Input AC	
Nominal AC Current	52A
Max. AC Current	52A
Rated Voltage	230V.a.c (180 To 270V.a.c)
Rated Frequency	50/60±5Hz
PV Input AC	
Nominal AC Current	43A
Max. AC Current	43A
Rated Voltage	230V.a.c (180 To 270V.a.c)
Rated Frequency	50/60±5Hz
AIO Parallel Input AC	
Nominal AC Current	52A
Max. AC Current	52A
Rated Voltage	230V.a.c (180 To 270V.a.c)
Rated Frequency	50/60±5Hz
General Data	
Dimensions(WxHxD)	380x460x150(mm)
Weight	18Kg
Protective Class	Class I
Operating Temperature Range	-20 ~ +50°C
Ingress Protection	IP65
Certification	IEC 62109-1, IEC 61000-6-1, EC 61000-6-3, AS/NZS4777.2:2020+A1