



## 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                                                  |
|---------------------------------------|----------------------------------------------------------------|
| <b>Grid Output AC</b>                 |                                                                |
| Nominal AC Power                      | 23000W                                                         |
| Nominal AC Current                    | 80A                                                            |
| 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                                                           |
| <b>General Load Output AC</b>         |                                                                |
| Nominal AC Power                      | 23000W                                                         |
| Nominal AC Current                    | 80A                                                            |
| 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                                                           |
| <b>Critical Load Output AC</b>        |                                                                |
| 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                                                            |
| <b>Smart Load Output AC</b>           |                                                                |
| 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                                                            |
| <b>Generator Output AC</b>            |                                                                |
| Nominal AC Power                      | 18400W                                                         |
| Nominal AC Current                    | 80A                                                            |
| 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                                                            |
| <b>EV Charger Output AC</b>           |                                                                |
| 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                                                            |
| <b>AIO Input AC</b>                   |                                                                |
| Nominal AC Current                    | 52A                                                            |
| Max. AC Current                       | 52A                                                            |
| Rated Voltage                         | 230V.a.c (180 To 270V.a.c)                                     |
| Rated Frequency                       | 50/60±5Hz                                                      |
| <b>PV Input AC</b>                    |                                                                |
| Nominal AC Current                    | 43A                                                            |
| Max. AC Current                       | 43A                                                            |
| Rated Voltage                         | 230V.a.c (180 To 270V.a.c)                                     |
| Rated Frequency                       | 50/60±5Hz                                                      |
| <b>AIO Parallel Input AC</b>          |                                                                |
| Nominal AC Current                    | 52A                                                            |
| Max. AC Current                       | 52A                                                            |
| Rated Voltage                         | 230V.a.c (180 To 270V.a.c)                                     |
| Rated Frequency                       | 50/60±5Hz                                                      |
| <b>General Data</b>                   |                                                                |
| Dimensions(WxHxD)                     | 380x460x150(mm)                                                |
| Weight                                | 16.8Kg                                                         |
| 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 |