

PointGuard LoadHub

- 5 double-pole controllable loads
- 0 ms load-side disruption when switching to backup mode
- Supports generator, heat pump or other controllable load
- Supports both whole-home & partial-home backup
- Uninterrupted power supply through PV+ESS/grid/generator



PointGuard LoadHub Split Phase

| PG LoadHub | | Units |
|---|---|----------|
| Electrical Specification | | |
| Grid connection type | Split phase | |
| Nominal AC voltage | 120 / 240 | V |
| Nominal AC frequency | 60 | Hz |
| Max. short circuit current (I _{sc}) | 10 | kA |
| Current measurement accuracy | ≤ 1 % | |
| Voltage measurement accuracy | ≤ 1 % | |
| Grid Connection | | |
| Max. continuous current | 200 | A |
| Max. overcurrent protection device rating | 200 | A |
| Disruption time of backup switchover ^{1,2} | 0 | ms |
| AC Output to Main Distribution Panel | | |
| Max. continuous current | 200 | A |
| Max. overcurrent protection device rating | 200 | A |
| Overvoltage category | IV | |
| PG Controller Connection | | |
| Max. number of connection | 2 | |
| Max. continuous current | 48 | A |
| Max. overcurrent protection device rating | 60 | A |
| Max. AC nominal power per inverter connection | 11.5 | kW |
| Smart Load Port Connection | | |
| Max. number of connection | 5 | |
| Max. continuous current | 64 | A |
| Max. overcurrent protection device rating | 80 | A |
| Generator Port Connection | | |
| Max. continuous current | 64 | A |
| Max. overcurrent protection device rating | 80 | A |
| Dry contact switch voltage rating | 30 | V |
| Dry contact switch current rating | 1 | A |
| Generator 2-wire start | Supported | |
| General Data | | |
| Dimensions (W / H / D) | 20.5 x 29.5 x 7 / 520 x 750 x 177 | in / mm |
| Weight | 60 / 27 | lbs / kg |
| Storage temperature range | -40 ~ 158 / -40 ~ 70 | °F / °C |
| Operating temperature range | -22 ~ 131 / -30 ~ 55 | °F / °C |
| Relative humidity range | 0% ~ 95% | |
| Max. operating altitude | 13123 / 4000 | ft / m |
| Cooling | Natural convection | |
| Enclosure type | Type 3R | |
| Communication | Fast Ethernet (FE), RS485, dry contact | |
| Installation method | Wall-mounted | |
| Standard Compliance | | |
| Certifications | FCC Part 15 Subpart B, ICES-003, ANSI C63.4a:2017, UL 67, UL 869A UL 1741, UL 1741 PCS CRD, CSA C22.2 No.107.1-16, CA Proposition 65 | |

- This refers to the load-side disruption time, to achieve this function PG LoadHub needs to be used together with PG Controller and PG BatteryPack. Test conditions: In the open-circuit state of the power grid, the nominal power of the PG Controller is higher than the total power of the home loads.
- The MID Switch complies with UL Category NRNT2 and fulfils with the standards of UL 508, UL 60947-1, UL 60947-4-1, UL 61810-1 as well as UL 61810-20.