

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



PG LoadHub		Units
Electrical Specification		
Grid connection type	Split phase	
Nominal AC voltage	120 / 240	V
Nominal AC frequency	60	Hz
Maximum input short circuit current	10	kA
Current measurement accuracy	≤ 1 %	
Voltage measurement accuracy	≤ 1 %	
Grid Connection		
Max. continuous current rating	160	A
Max. overcurrent protection device rating	200	A
Disruption time of backup switchover ¹	0	ms
AC Output to Main Distribution Panel		
Max. continuous current rating	160	A
Max. overcurrent protection device rating	200	A
Overvoltage category	III	
PG Controller Connection		
Max. number of connection	2	
Max. input/output continuous current rating	47.5	A
Max. overcurrent protection device rating	60	A
Max. AC nominal power per inverter connection	11.4	kW
Smart Load Port Connection		
Max. number of connection	5	
Max. continuous current rating	64	A
Max. overcurrent protection device rating	80	A
Generator Port Connection		
Max. continuous current rating	64	A
Max. overcurrent protection device rating	80	A
Dry contact switch voltage rating	30	V _{d.c.}
Dry contact switch current rating	1	A
Generator 2-wire start	Supported	
General Data		
Dimensions (W / H / D)	20.5 x 29.5 x 5.5 / 520 x 750 x 140	in / mm
Weight	< 66.2 / < 30	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	NEMA 3R	
Communication	FE, RS485, dry contact	
Installation method	Wall-mounted	

1. 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.