

Solis Hub-200A-US

Solis Hub Microgrid Interconnect Device (MID)

SolisHub is the Microgrid Interconnect Device (MID) for the PV, batteries, generator, grid, and home loads. SolisHub makes whole-home backup possible by allowing the integration of multiple inverters for greater PV power output and battery storage capacity. During grid outages, SolisHub automatically islands the home from the grid, allowing the Solis energy storage system to supply full power to the

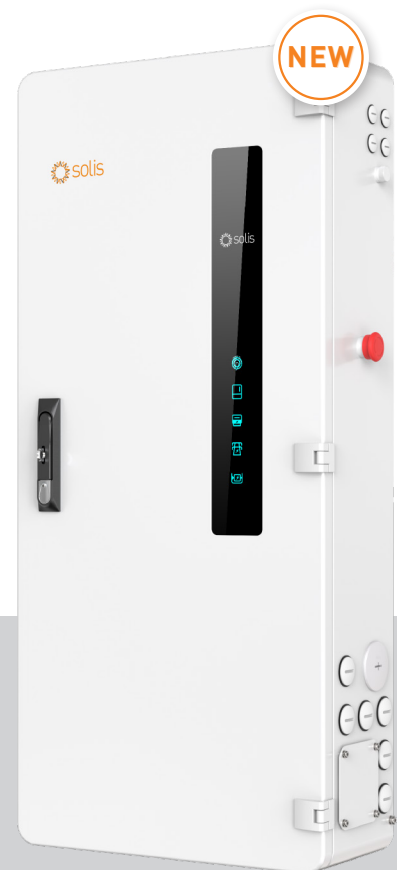
entire home. It also provides generator integration, allowing for automatic whole-home backup when available PV and battery power are not sufficient to support all of the home loads. SolisHub communicates directly with Solis inverters and the battery system, allowing the homeowner to monitor and manage energy use and backup power through the SolisCloud.

Features:

- Up to 45.6kW for Whole-home backup, generator integration
- Load shedding function with remote control of loads when the grid is down
- Integrated autotransfer and manual disconnect switches for lower system cost
- Accepts standard circuit breakers making it easy to install and eliminates the need to upgrade the main service panel
- Allows up to 200A of continuous backup power to the home
- Manual bypass switch for protection of the home loads

Models:

Solis Hub-200A-US



DATASHEET

Solis Hub-200A-US

Models	Solis Hub-200A-US
AC Input from Inverters	
Max. input power	11.4 kW × 3
Max. input number	3
Max. input current	60 A / 60 A / 60 A
Rated input voltage (L-L)	240 V
Input voltage range	204 - 276 V
Frequency	60 Hz
Frequency range	55 - 65 Hz
AC Input from Generator	
Max. input power	25 kW
Max. input current	105 A
Rated dry contact switch voltage	240 V / 24 V / 12 V
Rated dry contact switch current	5 A
2-wire start switch	Yes
AC Input from Grid	
Max. input current	200 A
Rated input voltage (L-L)	240 V
Rated input voltage (L-N)	120 V
Input voltage range	204 - 276 V
Frequency	60 Hz
Frequency range	55 - 65 Hz
Grid disconnection switchover time	< 180 ms
AC Output to main distribution panel	
Max. input number	4
Max. output current	60 A / 60 A / 60 A / 60 A
Rated output voltage (L-L)	240 V
Output voltage range (L-L)	204 - 276 V
Rated output voltage (L-N)	120 V
Output voltage range (L-N)	102 - 138 V
Frequency	60 Hz
Frequency range	55 - 65 Hz
AC Output to independent load	
Max. output current	200 A
Rated output voltage (L-L)	240 V
Output voltage range (L-L)	204 - 276 V
Rated output voltage (L-N)	120 V
Output voltage range (L-N)	102 - 138 V
Frequency	50 Hz / 60 Hz
Frequency range	45 - 55 Hz / 55 - 65 Hz
General Data	
Dimensions (W × H × D)	43.7 × 19.7 × 9.8 in (1100 × 500 × 250 mm)
Weight	70.9 lbs (32.1 kgs)
Operation temperature range	-13°F to 131°F (-25°C to 55°C)
Ingress protection	TYPE 3R
Cooling concept	Intelligent fan-cooling
Max. operation altitude	13120 ft (4000 m)
Features	
AC connection (grid side)	1 knockout for 2" conduit at side
AC connection (inverter side)	3 knockout for 2" conduit at side
AC connection	6 knockout for 1.5" conduit at side
Communication	RS485, Dry contact