

Spec - SolarFlow 1600 AC+

On-grid Terminal		
Parameter	Single Device	With Additional Batteries
Max. AC Input Power	1400 W	1600 W
Nominal AC Output Power	800 W (default) / 1400 W (premium*)	800 W (default) / 1600 W (premium*)
Max. AC Input Current	6.1 A a.c.	7.0 A a.c.
Nominal AC Output Current	3.5 A a.c. (default) / 6.1 A a.c. (premium*)	3.5 A a.c. (default) / 7.0 A a.c. (premium*)
AC Nominal Input/Output Voltage/ Frequency	230 V a.c., 50 Hz	230 V a.c., 50 Hz
Power Factor	0.8 (lagging)-0.8 (leading)	0.8 (lagging)-0.8 (leading)
Off-grid Terminal		
Parameter	Single Device	With Additional Batteries
Max. AC Input Power	1400 VA	1600 VA
Max. AC Output Power	1400 VA	1600 VA 2200 W (With Grid-assisted)
Max. AC Input/ Output Current	6.1 A a.c.	7.0 A a.c.
AC Nominal Input/ Output Voltage/ Frequency	230 V a.c., 50 Hz	230 V a.c., 50 Hz
Power Factor	0.8 (lagging)-0.8 (leading)	0.8 (lagging)-0.8 (leading)

**Enabling this function must comply with local regulations and must be performed by professional technicians.*

Battery	
Battery Type	LiFePO ₄
Battery Rated Energy	1920Wh
Battery Rated Capacity	40Ah
Battery Rated Voltage	48V d.c.
Max. Charge/Discharge Power (Single Device)	1400W
Max. Charge/Discharge Power (with Additional Batteries)	1600W
Max. Charge/Discharge Current	30A d.c.
Charge Temperature	0°C to 55°C
Discharge Temperature	-20°C to 60°C
General Information	
Protection Class	Class I
Operating Temperature	-20°C to 55°C
Type of Enclosure	IP65
Dimensions	392.5 * 236.3 * 269mm
Weight	25 kg
Bluetooth	Bluetooth 5.0 Frequency: 2402-2480MHz
	Maximum Transmit Power: 20.0 dBm
Wi-Fi	Protocol: 802.11b/n/g Frequency: 2412-2472MHz
	Maximum Transmit Power: 20.0 dBm