

Spec - SolarFlow 2400 Pro

Parameter	Specification
PV Input	
Max. PV Input Voltage	55V d.c.
Max. PV Input Current	4*18A d.c.
Max. PV Input Isc	4*22.5A d.c.
Max. PV Input Power	3000W (4*750W)
Operating Voltage Range	14-55V d.c.
On-grid Terminal	
Nominal Input/Output Voltage	230V a.c.
Nominal Input/Output Frequency	50Hz
Nominal AC Output Power	800W (default) / 2400W (premium*)
Nominal AC Output Current	3.5A a.c. (default) / 10.4A a.c. (premium*)
Max. AC Input Power	3200W
Max. AC Input Current	13.9A a.c.
Off-grid Terminal	
Nominal Input/Output Voltage	230V a.c.
Nominal Input/Output Frequency	50Hz
Max. AC Output Power	3200VA
Max. AC Output Current	13.9A a.c.
Max. AC Input Power	2400VA
Max. AC Input Current	10.4A a.c.

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

Battery	
Battery Type	LiFePO ₄
Battery Rated Energy	2400Wh
Battery Rated Capacity	50Ah
Battery Rated Voltage	48V d.c.
Max. Charge/Discharge Power	2400W
Max. Charge/Discharge Current	50A d.c.
Charge Temperature	0°C to 55°C
Discharge Temperature	-20°C to 55°C
Charge/Discharge Voltage Range	37.5V d.c. to 54.75V d.c.
General Information	
Protection Class	Class I
Power Factor	0.8 (lagging) - 0.8 (leading)
Operating Temperature	-20°C to 55°C
Type of Enclosure	IP65
Dimensions	326 * 294 * 251mm
Weight	27.8 kg
Bluetooth	Bluetooth 5.0 Frequency: 2402-2480MHz
	Maximum Transmit Power: 20.0 dBm
Wi-Fi	Wi-Fi 4 802.11b/n/g Frequency: 2412-2472MHz
	Maximum Transmit Power: 20.0 dBm