



SolarFlow 800 Pro

- GanZen Gallium Nitride (GaN) Technology
- Photovoltaic Low-Voltage Startup (Starting Voltage 16V)
- 800W Bidirectional AC Charging/Discharging
- Maximum Battery Capacity Up to 11.52kWh
- 48V Battery (Reduces Energy Loss by 25% Compared to 16V Batteries)
- 96% Energy Conversion Efficiency

PV Input

Max. PV input voltage	55V d.c.
Max. PV input current	18A d.c.
Max. PV input Isc	22.5A d.c.
Max. PV input power	2400W(4*600W)
Operating voltage range	16-55V d.c.

AC Parameter

Max. AC continuous output power (on-grid)	800W
Max. AC continuous output current (on-grid)	3.5A a.c.
Max. AC continuous output power (off-grid)	1000W
Max. AC continuous input current	4.35A a.c.
AC input/output voltage/frequency	230V a.c. ,50Hz
Power factor	0.8(lagging)-0.8(leading)

Battery information

Battery type	LiFePO ₄
Battery rated energy	1920Wh
Battery rated voltage	48V d.c.
Max. charge/discharge current	30A
Charge temperature	0°C to 55°C
Discharge temperature	-20°C to 55°C

General information

Rated method/standard	Class I
Recommended temperature range	-20°C to 55°C
Enclosure	IP65

