

SUNFLX / Off-grid solar storage inverter

Sunflx SF 6000

SF series inverter with AC charging and solar MPPT. The manufacturer lists grid feed as an optional configuration; confirm the ordered version and connection requirements.

Output power	6 kW
Nominal battery voltage	48 Vdc
Maximum PV array power	7500 W
Independent MPPT trackers	1
Maximum solar charging current	120 A
MPPT voltage range	60-450 Vdc
Maximum PV open-circuit voltage	500 Vdc
AC output	220/230/240 Vac $\pm 5\%$; 50/60 Hz ± 1 Hz
AC outputs	2; combined output does not exceed inverter rating

Reference and supply scope

These are manufacturer model-reference values, not a Gateway stock confirmation or a complete site design. Confirm the offered configuration, accessories, compatibility, availability, warranty and installation scope in the quotation.

Manufacturer product reference: <https://sunflx.com/en/sf-3600-6000-48v/>

Original manufacturer datasheet: [Open the source datasheet](#)

Model page and enquiry: [View this model at Gateway Inventory](#)