

SUNFLX / Off-grid solar storage inverter

Sunflx SF 3600

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	3.6 kW
Nominal battery voltage	48 Vdc
Maximum PV array power	4000 W
Independent MPPT trackers	1
Maximum solar charging current	80 A
MPPT voltage range	60-450 Vdc
Maximum PV open-circuit voltage	500 Vdc
AC output	220/230/240 Vac ±5%; 50/60 Hz ±1 Hz
AC outputs	2; combined output does not exceed inverter rating

Use 80 A maximum solar charging current from model-specific datasheet; landing-page family marketing lists 120 A for the grouped SF 3600/6000 family.

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](#)