SUNORA X



All-in-one balcony solar storage

SX-B20

Bring balcony solar into everyday life.

Built-in microinverter and battery, with PV input, modular expansion and app management.

2048 Wh

Main unit battery capacity

2500 W

Max. off-grid output

4000 W

Max. PV input

Balcony solar storage

PV connection / modular expansion / app management

Bring balcony solar into everyday life.

All-in-one balcony solar storage • Specifications

2048	2500	4000	LiFePO4
Wh Main unit battery capacity	W Max. off-grid output	W Max. PV input	Battery type

Designed for real-world applications



Integrated solar storage design

Integrated microinverter, battery and solar controller.

Four PV input channels

4 × 1000 W PV inputs, 4000 W maximum in total.

Smart app management

Supports Bluetooth and 2.4 GHz WLAN.

Key specifications

KEY SPECIFICATIONS

Model	SX-B20	Cycle life	6000+ cycles
Battery specifications	2048 Wh / 51.2 V	Connectivity	Bluetooth / 2.4 GHz WLAN
Max. off-grid output	2500 W	IP rating	IP65
Grid-connected output range	800-2500 W	Main unit dimensions	480 × 230 × 275 mm
AC voltage / frequency	230 V / 50 Hz、60 Hz	Main unit net weight	29 kg
PV input	4 × 1000 W, max. 4000 W	Charging temperature	0 to 55°C
Max. input current per channel	25 A	Discharging temperature	-20 to 65°C

Balcony solar storage

PV connection / modular expansion / app management

Battery management system (BMS)

Battery monitoring and protection

Certifications/tests (manufacturer data)

CB / IEC 62619 • CE / EN 61000-6-1 • RoHS • UN38.3