



BALCONY SERIES / BALCONY SOLAR PLANT

SX-B20

Balcony Solar Plant

SX-BS-2048-2500-GR-GLOBAL-R1

A plug-in balcony solar power plant: connect to a wall outlet and start storing sunshine. No electrician is needed for the standard plug-in setup; grid-connection rules for on-grid use vary by country.

Plug & Play

No fixed installation

2048Wh LFP

6,000+ cycle life

2500W AC

Off-grid coupled power

4000W MPPT

Four solar inputs

IP65

Protected for real use

SPECIFICATIONS

Capacity	2048Wh (expandable to 16.4kWh)
Solar Input	MPPT 4000W max (1000W x4)
Off-grid Output	2500W AC-coupled
On-grid Output	800-2500W with zero feed-in meter
Chemistry	EV-grade LiFePO4 (LFP)
Cycle Life	6,000+ cycles
Enclosure	IP65 waterproof
Warranty	10 years
Connectivity	Mobile app (Wi-Fi / Bluetooth)
Model code	SX-BS-2048-2500-GR-GLOBAL-R1

KEY FEATURES

- EV-grade LiFePO4 cells, 6,000+ cycle life
- Battery expandable up to 16.4kWh
- High solar input: MPPT max 4000W (1000W x4)
- Off-grid AC-coupled power 2500W
- On-grid power 800W–2500W (with zero feed-in smart meter)
- Waterproof IP65 for balcony and garden mounting
- Mobile app control via Wi-Fi / Bluetooth

Balcony Solar

Capture clean solar energy at home.

Evening Power

Store daytime energy for evening use.

Easy Setup

Connect to a wall outlet and start.

SUPPLY

MOQ one 40HQ container, mixed models accepted. Better terms from two containers.

CUSTOMISATION

OEM / ODM: logo, colour, socket standard and packaging.

WARRANTY

10 years. Spare parts and RMA support for channel partners.

Specifications are based on current production and may change without notice. Confirm the final specification in your quotation.