

800 W Balcony Solar + 2 kWh Storage

Balcony solar plus LFP storage for higher self-consumption and short-duration backup.

PUBLIC PRODUCT PAGE

- 2.048 kWh LFP storage
- Two independent MPPTs
- IP65 outdoor target



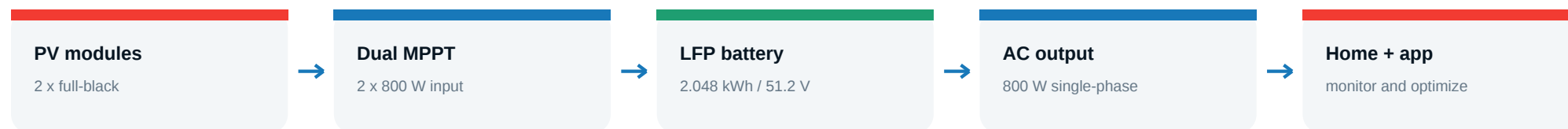
PARAMETER	CURRENT-MARKET REFERENCE	PARAMETER	CURRENT-MARKET REFERENCE
Product ID	SX-BAL-800-ESS-V2	Protection / control	IP65 / natural cooling / app monitoring
AC power	0.8 kW	PV reference	0.90 kWp
Module	2 x 450 W full-black modules	Battery	2.048 kWh / 51.2 V LFP / 90% DOD / more than 6000 cycles
Inverter / PCS	All-in-one balcony storage inverter / 2 MPPT / 12-60 V / 20 A per input	Grid output	220/230/240 V single-phase

DESIGN AND QUOTATION CHECK 800 W AC / 96.5% max output efficiency / 99% MPPT efficiency

Turn balcony solar into a controllable household energy asset

Storage adds time shifting and short-duration backup while the app makes generation, battery status and consumption visible.

SYSTEM ARCHITECTURE



WHERE IT FITS

Typical applications

- Time-of-use shifting
- Day-to-evening use
- Apartment backup
- High self-consumption

REFERENCE PACKAGE

System scope

- Two PV modules
- Balcony mounting
- All-in-one storage unit
- PV cable and connectors
- AC connection set
- App monitoring

SOLARXPORT METHOD

How we reduce risk

- Current-market component screening
- Electrical compatibility before quote
- Destination-market configuration
- One coordinated export package

SEND THESE PROJECT INPUTS

Installation country / balcony photos / essential-load expectation / available indoor or outdoor space / plug type / export limit / WiFi availability

REQUEST A DESIGN