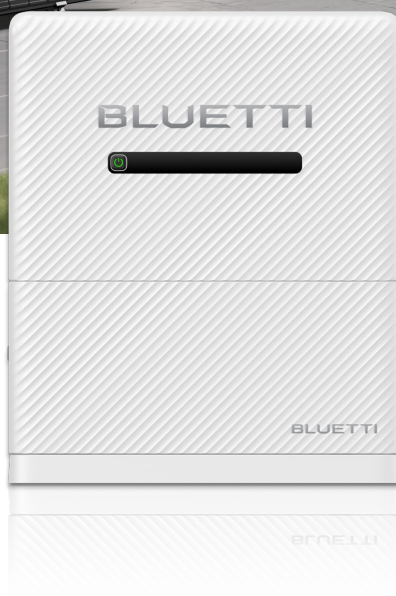




BLUETTI Balco 260

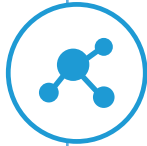
All-In-One Balcony Solar System



Save Up to €1,200 Annually on Electricity

Utilize 4 MPPT channels and a 2400W solar input. Pair it with our recommended 4 x 600W panel setup (or an alternative 4 x 450W setup) to achieve maximum efficiency and savings.

*Based on typical German solar yield and electricity prices of €0.30–0.38/kWh.



Precise Power Distribution

Balcon 260 integrates with a wireless smart meter or a magnetic meter to accurately monitor your electricity usage, ensuring power is allocated exactly where it's needed.



Comprehensive Safety Architecture

A high-safety design featuring minimal internal wiring, cell-level isolation and monitoring, comprehensive temperature sensing, active pressure release, 5VA flame-retardant enclosure, IP65 protection, BMS-linked early warning and derating, emergency shutdown with cloud alerts, and fail-safe heater cutoff ensures thermal-runaway events remain fully contained.



Next-Gen Energy Automation

Smart energy management with Home Assistant support, wireless distributed networking, TOU pricing control, Shelly meter compatibility, and is powered by an AI-based EMS that monitors cells to prevent damage.

Specifications

Battery

Main Unit Capacity	2,560kWh
Battery Type	LiFePO ₄
Number of batteries supported	5
Maximum Expanded capacity	15,360Wh

Solar Input

PV Input	2,400W Max.
MPPT Range	15V-60V
Number of MPPT	4
Max. Input Current Per MPPT	20A
Max. PV Bypass	3,600W Max. - with AC (off-grid) outputting

On-Grid

AC Input	1,200W
Max. AC Input Power	2,300W
AC Output	800W-1,200W

Off-grid

AC Input / Output	1,200W
AC Output - Bypass	2,300W

General

Operating Temperature	-20°C~55°C
Charging Temperature	-20°C~55°C
Installation	Stacked installation
Protection Rating	IP65
App Connectivity	Bluetooth and Wi-Fi
Bypass Charging	YES