



BLUETTI Balco 260

Smart Balcony Solar Energy Storage System

1200 W Bi-directional Inverter
2300W Max. Bypass Output

2400 W Solar Input
4 MPPT Channels

Silicon Carbide (SiC) Technology
96.1 % Conversion Efficiency | 14.5 W Self-consumption

BLUETTI Space
Connect up to 6 units via AC Coupling Wireless Network

AI-EMS
Dynamic Pricing & Maximum Energy Saving

Zero Feed In, Smart Home Compatible
BLUETTI / Shelly / Everhome / Google / Alexa / Home Assistant

Expandable from 2.56 kWh to 15 kWh
LFP Battery 6000 cycles to 80%, 97 % DOD

Third-party System Compatible
Compatible with existing inverter via AC coupling

Balco 260

PV Input

PV Input	4 × 600 W, 2400 W Total	Max. PV Input Voltage	60 d.c.V
MPPT Trackers	4	Max. PV Input Current	16 d.c.A
PV Input Voltage Range	15–60 d.c.V	Max. PV Input Isc	20 d.c.A

AC Input (Grid-Tied)

Max.AC Input Power	2,300 VA	Max.AC Charging Current	5.22 a.c.A
Max.AC Input Current	10 a.c.A	Rated AC Input Voltage / Frequency	L+N+PE 230 a.c.V / 50/60 Hz
Max.AC Charging Power	1,200 VA		

AC Output (Grid-Tied)

Max.AC Output Power	800 VA / 1000 VA / 1200 VA	Rated AC Output Voltage / Frequency	L+N+PE 230 a.c.V / 50/60 Hz
Max.AC Output Current	3.48 a.c.A / 4.35 a.c.A / 5.22 a.c.A	Power Factor	>0.99 (default), adjustable 0.8 lagging to 0.8 leading

AC Output (Off-Grid)

Max.AC Output Power	1,200 VA	Max. AC Bypass Output Current	10 a.c.A
Max. AC Output Current	5.22 a.c.A	AC Nominal Output Voltage / Frequency	L+N+PE 230 a.c.V 230 a.c.V / 50/60 Hz
Max. AC Bypass Output Power	2,300 VA		

Battery

Battery Type	LFP	Rated Voltage	25.6 d.c.V
Rated Energy	2,560 Wh	Rated Capacity	100 Ah

General

Smart Meters Compatibility	BLUETTI S Meter & Shelly 3EM Pro & Everhome Eco Tracker IR	Self-Consumption	14.5 W
Weight	28.5 kg	Round Trip Efficiency	PV-BAT-AC 89.5% AC-BAT-AC 86.5%
Dimensions (L × W × H)	476 × 260 ×336.3 mm	Relative Humidity	5%–95%
Installation	Stackable	Max. Operating Altitude	5,000 m
Operating Temperature	-20 °C to 55 °C	Battery Charge Cycles	6,000 to 80% remaining
Cooling	Passive Cooling	Depth of Discharge (DOD)	97%
Protection Rating	IP65	APP Connection Method	Wi-Fi / Bluetooth
Noise Level	30 dB Max.	Warranty	10 Years

BC 260

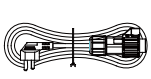
Battery

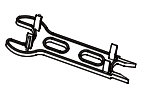
Battery Type	LFP	Operating Temperature	-20°C to 55°C
Rated Energy	2,560 Wh	Protection Rating	IP65
Rated Voltage	25.6 d.c.V	Max. Operating Altitude	5,000 m
Rated Capacity	100 Ah	Dimensions (L × W × H)	476 × 260 × 247.5 mm
Max. Charge/Discharge Current	60 d.c.A	Weight	25kg
Max. Expandable Battery Quantity	5	Relative Humidity	5%–95%

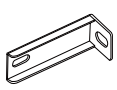
Packing List

Balco 260 Balcony Solar System

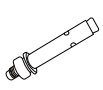

Balco 260
Balcony Solar System


Bidirectional AC
Power Cable (3 m)


MC4
Spanner

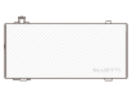

L-Shaped Wall Bracket
×2

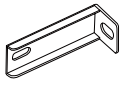

M5 × 10 Screw
×3

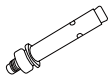

M8 × 60 Expansion Bolt
×2


User Manual &
Warranty Card

BC 260 Expansion Battery


BC 260
Expansion Battery


L-Shaped Wall Bracket
×2


M8 × 60 Expansion Bolt
×2


M5 × 10 Screw
×2


Warranty
Card