

A80 Micro Inverter			
Rated Output	800W (600W-DE)	Maximum Input (PV)	1100W
Rated Output Voltage	230V	MPPT Voltage Range	18–60V
Weight	3.1kg/6.8lb	MPPT Efficiency	99%
Connection Type	Bluetooth & Wi-Fi	Peak Efficiency	96.5%
Ingress Protection	IP67	Dimensions	235x227x47mm (9.2x8.9x1.85in)

D100S PV Controller			
PV Input Power	1000W	Operating Temperature	-40°C-65°C
MPPT Efficiency	99%	Other Features	Voltage, Temperature Protection
Output Efficiency	98%	Dimensions	235x225x47mm (9.2x8.8x1.8in)
Noise Emission	<40dB	Weight	3kg/6.6lb
Ingress Protection	IP67		

B210 Battery			
Capacity (1 B210 battery)	2,150Wh	Battery Scalability	4,300Wh with Two B210 Batteries
Battery Type	LiFePO ₄	Weight	27.9kg/61.5lb
Operating Temperature	-20°C-40°C	Noise Emission	<45dB
Ingress Protection	IP65	Battery Life Cycles	3,000+ Cycles to 80% Original Capacity

Solar Panel			
Flexible Panel		Glass Panel	
Model No.	BFPV-255	Model No.	BGPV-410
PV Input Power	255W	PV Input Power	410W
Cell Type	PERC MONO	VOC	37V
Protection Rating	IP67	Ingress Protection	IP68
Wind Resistance Rating	37m/s (83 mph)	Wind Resistance Rating	37m/s(83 mph)
Dimensions	1410mmx1000mmx4mm (55.5 inx39.4 inx0.16 in)	Dimensions	1722mmx1134mmx30mm (67.8 inx44.6 inx1.18 in)
Connect Port	MC4	Connect Port	MC4
Weight	7kg/15.4lb	Weight	20.8kg/45lb
Open Circuit Voltage	51V	Open Circuit Voltage	37.4V
Voltage at Pmax	42.4V	Voltage at Pmax	31.42V
Short Circuit Current	6.39A	Short Circuit Current	13.84A



BLUETTI BALCONY SOLAR SYSTEM

The Comprehensive Balcony Solar System

600W Rated Output (Upgradable to 800W)

Ensure solar energy day and night while reducing your electricity bills.

Poweroak GmbH

Lise-Meitner-Straße 14, 28816 Stuhr, Germany

sale-de@bluettipower.com

feedback@poweroak.net

+49 151 10622908

© 2023 Poweroak GmbH All Right Reserved.



EN-V2.0

DURABILITY AND SAFETY GUARANTEED

Transform your balcony into a powerhouse of sustainable energy without worrying about harsh weather conditions, as BLUETTI Balcony Solar System is water and dust resistant to maintain excellent performance on your balcony. It also comes with the LiFePO4 for a prolonged lifespan and up to 10 years warranty to spare you a world of hassle.



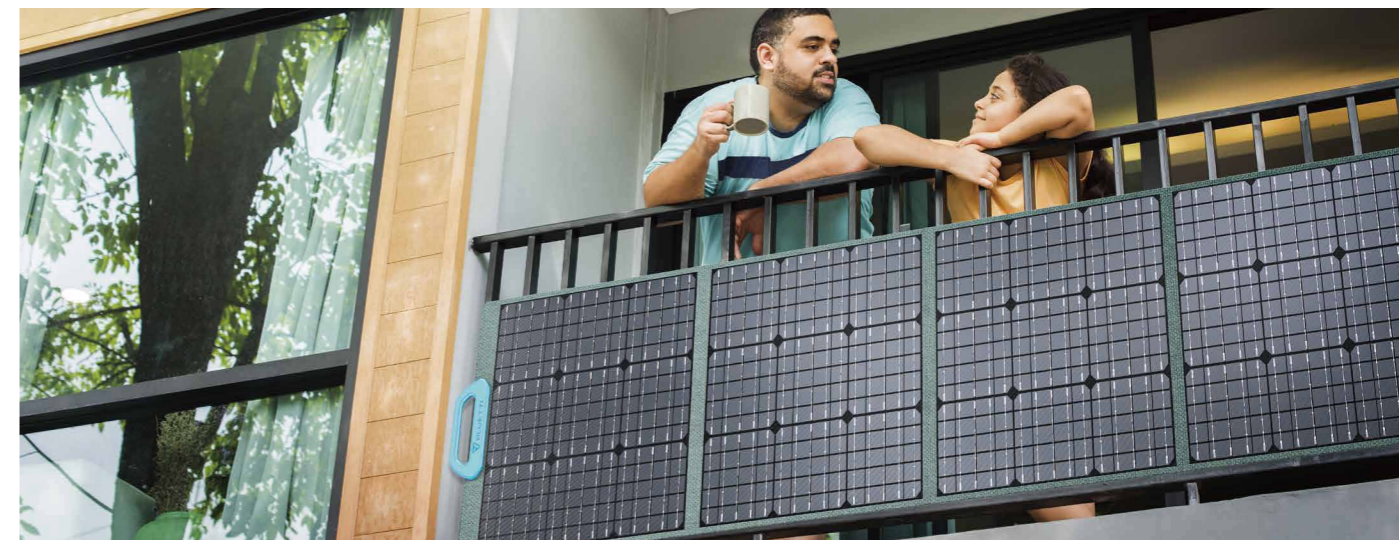
*The 10-year warranty applies to BLUETTI Balcony Solar System excluding the battery packs.

HIGH-EFFICIENT SOLAR INTAKE

In an era marked by energy scarcity, growing environmental consciousness and policies, and the imminent closure of nuclear power plants, an increasing number of individuals opt for clean solar energy.

While traditional balcony solar systems enable residents to harness solar energy during daylight hours, they often fall short in delivering power

throughout the night. However, our innovative BLUETTI Balcony Solar System can store excess energy and ensure continuous power supply during night hours, optimizing solar potential and saving your monthly energy bills significantly.



ECO-FRIENDLY WALLET-FRIENDLY

Two B210 batteries combined have a massive capacity of 4.3kWh. By storing the extra solar energy generated during the day and feed back

to your home for night-time use, you can save approximately €435 per year on energy costs.



*For reference ONLY. The actual saving may vary due to actual power consumption and electricity price.

HOW BLUETTI BALCONY SOLAR SYSTEM WORKS

