



TECHNOLOGY
PIONEER
IN CLEAN ENERGY



Your Ecosystem, Your Rules

BLUETTI Ecosystem Series

Introducing the Ecosystem Series

True freedom isn't just off-grid — it's a seamless energy experience. With solar, RV integration, and smart accessories working in harmony, the Ecosystem Series doesn't just power your life — it transforms it.

Vehicle & RV



Charger 1



Charger 2

Outdoor



Handsfree 1
Backpack Power Station



Handsfree 2
Backpack Power Station

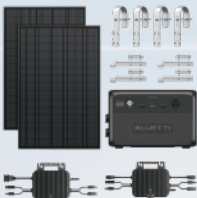


MultiCooler
Fridge

Home



FridgePower & BlueCell 200



Balcony Solar System



Power For RV Living

5,000 W Output

10 kVA Surge

4 Ways to Charge

Smart Control via App & Epad

Max. 120kWh Capacity

Quick & Easy Installation



Power For Home Backup

Sips Power · 7 W Standby
(<7W standby | 100+ hrs ready)

Instant UPS · 0.01 s Switch
(Fridge stays on | Food safe)

Wall-Mount · Ultra-Slim
(75 mm thin | Wall-Mount | Fits anywhere)

Smart Control · Via App
(Monitor | Control | Schedule | Alerts)

RVSolar - 48V Power System

AC Power

Rated Input	5,000 W, 120 V (US/CA)
	5,000 W, 230 V (EU/UK/AU)
Rated Output	5,000 W, 120 V (US/CA)
	5,000 W, 230 V (EU/UK/AU)

DC Power

Rated Input	PV1/PV2:
	1,800 W Max., 12~50 V, 50 A
	Vehicle charging (via PV2): 600 W with 12 V battery; 1,200 W with 24 V battery
Rated Output	1,360 W @12 V
	1,620 W @24 V

AC+DC Power

Total Load Power	6,000 W Max.
	(Varies by battery type and quantity)

General

Weight	16 kg / 35.27 lbs
Dimensions (L × W × D)	450 × 500 × 159.9 mm / 17.72 × 19.69 × 6.3 in
Operating Temperature	-20°C to 55°C / -4°F to 131°F
Storage Temperature	-20°C to 55°C / -4°F to 131°F
Operating Humidity	95% Max.
Certification	UL458

Battery

Capacity	5,120 Wh, 51.2 V, 100 Ah
Max Expansion	Parallel up to 24 units (122 kWh)
Battery Type	LiFePO ₄
Cycle Life	6,000+ cycles to 80% original capacity
Protection Rating	IP65
Weight	46 kg / 101.4 lbs



Contact Us

FridgePower

Rated Power	1,800 W, 120 V (US/CA)
	1,800 W, 230 V (EU/UK/AU)
Lifting Power	3,000 W
Surge Power	3,600 W
Battery Capacity	2,016 Wh
Battery Type	LiFePO ₄
Cycle Life	4,000 cycles to 80% original capacity
Max Expansion	8,064 Wh
Idle Load	≤ 7W
UPS Switchover Time	≤ 10 ms
Dimensions (L × W × H)	350 × 580 × 75 mm / 13.8 × 22.8 × 3 in
Weight	19 kg / 41.9 lbs
Warranty	5 years

About BLUETTI

Founded in 2009, BLUETTI has been a pioneer in clean energy solutions. With over a decade of innovation and commitment to sustainability, BLUETTI has curated a diverse range of reliable products tailored for adventures, emergency backup power, and off-grid living, shaping a smarter, greener future we share.