

EcoFlow PowerOcean LFP Battery

Home Solar Battery Solution

Made in China

The innovative 3-phase solar battery solution starting from 5kWh, expandable at all times.

EcoFlow PowerOcean is a premium 3-phase modular home solar solution. With a flexible upfront investment, outstanding safety features, outage backup and super smart control, PowerOcean is designed to achieve power independence for the whole house.



For installers

EcoFlow Pro Web Portal

<https://portal.ecoflow.com/pro/eu>

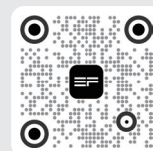


EcoFlow Pro App

For users

EcoFlow Web Portal

<https://portal.ecoflow.com/user/eu>



EcoFlow App

		EF BD-5.1-S1	EF BD-10.2-S1	EF BD-15.3-S1
Performance	Battery Nominal Capacity (kWh)	5.12	10.24	15.36
	Battery Usable Capacity (95% Depth of Discharge)* (kWh)	4.8	9.7	14.5
	Max. Discharge Power (kW)	3.3	6.6	9.9
	Max. Charge Power (kW)	2.5	5.0	7.5
	Nominal Voltage (V)	800		
	Operating Voltage Range (V)	720-960		
	Battery Short Circuit current (A)	200A / 300 us	400A / 300 us	600A / 300 us
	Battery Maximum Discharge Current (A)	4.4	8.8	13.2
	Battery Maximum Charge Current (A)	3.3	6.6	9.9
	Rated DC Power (kW)	Discharge: 3.3 Charge: 2.5	Discharge: 6.6 Charge: 5.0	Discharge: 9.9 Charge: 7.5
Compliance	Battery Cell Type	LFP		
	Certificates	CE MARK		
	Safety Standard	EN62619, EN62040-1, EN62477-1, ISO13849, VDE-AR-E-2510-50		
	Delivery Standard	UN38.3		
	EMC	EN 61000-6-1, EN 61000-6-2, EN 61000-6-3, EN 61000-6-4		
General	Dimension (W×D×H) (Without Adjustable Feet) (mm)	680×183×612 (±1)	680×183×1009 (±1)	680×183×1406 (±1)
	Weight (kg)	65.6	120.9	176.2
	Installation	Floor stand / wall mounted		
	Operating Temperature (°C)	-20 to 50		
	Max. Operating Altitude (m)	3000		
	Communication Method	CAN		
	Cooling Method	Natural convection		
	Noise Level (dB)	≤35		
	Relative Humidity	0%-100% (Condensing)		
	Active Aerosol Fire Prevention Module	Integrated		
	Protection Level	IP65		
	Protective Class	I		
	Environmental Category	Indoor/Outdoor		

* To maintain optimal battery performance in low-temperature environments, the depth of discharge (DoD) may vary with actual temperature. This is a normal fluctuation.