

EcoFlow PowerOcean Single-phase

Safety and Power Independence in Every Charge

EcoFlow PowerOcean redefines home energy storage with advanced safety, LFP battery technology, a fire prevention module, and an IP65-certified design. Offering a 15-year warranty, with batteries expandable up to 45kWh through cascading three inverters, and over 6,000 charge cycles, EcoFlow PowerOcean is a secure, scalable solution that future-proofs your home.



For installers

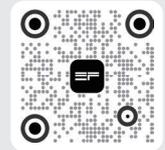


EcoFlow Pro Web Portal

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

EcoFlow Pro App

For users



EcoFlow Web Portal

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

EcoFlow App

EcoFlow PowerOcean LFP Battery

Number of Battery Packs		EF BD-5.1-S1 x 1 EF BD-B-S1 x 1	EF BD-5.1-S1 x 2 EF BD-B-S1 x 1	EF BD-5.1-S1 x 3 EF BD-B-S1 x 1
Performance	Battery Nominal Capacity (kWh)	5.1	10.2	15.3
	Battery Usable Capacity (kWh)* (95% Depth of Discharge)	4.8	9.7	14.5
	Max. Output Power (W)	3300	6600	9900
	Max. Input Power (W)	2500	5000	7500
	Nominal Voltage (V)	800		
	Operating Voltage Range (V)	720-960		
	Battery Cell Type	LFP		
Compliance	Certificates	CB/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 (WxDxH) (mm) (Without Adjustable Feet)	680×183×452 (±1)	680×183×849 (±1)	680×183×1245 (±1)
		680×183×424 (±1) (EF BD-5.1-S1 x 1)		
	Weight (kg)	59.2	114.7	170.2
		55.5 (EF BD-5.1-S1 x 1)		
	Installation	Floor Stand/Wall Mounting		
	Operating Temperature (°C)	-20 to 50		
	Max. Operating Altitude (m)	3000		
	Cooling Method	Natural Convection		
	Noise Emission (dB)	≤35		
	Relative Humidity	0%-100% (Condensing)		
	Active Aerosol Fire Prevention Module	Integrated		
Protection Level	IP65			
Protective Class	I			

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