

EcoFlow PowerOcean LFP Battery

Number of Battery Packs		EF BD-JC-S1 EF BD-5.1-S1 EF BD-B-S1	EF BD-JC-S1 EF BD-10.2-S1 EF BD-B-S1	EF BD-JC-S1 EF BD-15.3-S1 EF BD-B-S1	EF BD-JC-S1 EF BD-20.4-S1 EF BD-B-S1
Performance	Battery Nominal Capacity (kWh)	5.1	10.2	15.3	20.4
	Battery Usable Capacity (100% Depth of Discharge)* ² (kWh)	5.1	10.2	15.3	20.4
	Max. Discharge Power (W)	3300	6600	9900	13200
	Max. Charge Power (W)	2500	5000	7500	10000
	Nominal Voltage (V)	800			
	Operating Voltage Range (V)	720-960			
Compliance	Battery Cell Type	LiFePO ₄			
	Certificates	RCM MARK			
	Safety Standard	IEC 62619, IEC 62040-1, IEC 62477-1, ISO13849			
	Delivery Standard	UN38.3			
General	Dimension (mm)	IEC 61000-6-1/3			
	Weight (kg)	680×183×612 (±1)	680×183×1009 (±1)	680×183×1406 (±1)	680×183×1803 (±1)
		680×183×424 (±1) (EF BD-5.1-S1 x 1)			
	Installation	65.6	120.9	176.2	231.5
		55.5 (EF BD-5.1-S1 x 1)			
	Operating Temperature (°C)	Floor stand / wall mounted			
	Max. Operating Altitude (m)	-20 to 50			
	Cooling Method	3000			
	Noise Level (dB)	Natural convection			
	Relative Humidity	≤35* ¹			
	Active Aerosol Fire Prevention Module	0%-100% (Condensing)			
	Protection Level	Integrated			
	Protective Class	IP65			
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*² To maintain optimal battery performance in low-temperature environments, the depth of discharge (DoD) may vary with actual temperature. This is a normal fluctuation.