



12.8V

22.8Ah

LiFePO4

292Wh

Energy Storage System (Portable) Self Contained Lithium Battery in Ruggedised Pelican Case

FEATURES

The LFBM-ESS12823 is a self-contained 12.8V Lithium Iron Phosphate battery pack mounted in a high quality and environmentally resistant case, which provides a reliable and consistent power output of up to 22.8Ah (291.84Wh).

It is equipped with three output connectors, two cigarette lighters and one SB50, capable of supplying 25A to the load; and one RCA input connector for charging. Furthermore, the battery pack possesses a fuel gauge display to monitor the output voltage and state-of-charge at all times.



SPECIFICATIONS

Model Number	LFBM-ESS12823	
Battery Types	Chemistry	Lithium Iron Phosphate (LiFePO4)
	Pack Configuration	4S6P
	Battery cell	IFR26650-38A 3.2V 3.8Ah
	Capacity [Ah]	22.8Ah
	Capacity [Wh]	291.84Wh
Input ⁽¹⁾	DC charging voltage	14.6V (Use original charger only)
	DC charge connector	RCA female
Output	DC voltage	12.8V (nominal)
	DC current	25A max total
	Cigarette Lighter	2 ports
	Anderson SB50	1 port
	Fuel Gauge	Output Voltage Indicator
	SOC Indicator	YES
Dimensions	240mm x 198mm x 109mm (9.44in x 7.8in x 4.29in)	
Weight	3.3kg	
Temperature	Charging	0°C to 45°C
	Discharging	-20°C to 60°C
	Storage	-20°C to 60°C
Ingress Protection Rating	IP66	

⁽¹⁾ This battery module comes supplied with the Enepower Charger Model FYI [FYI1504500](#).

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