



12.8V

100Ah

LiFePO4

1.28KWh

## Energy Storage System (Portable)

### Self Contained Lithium Battery in Ruggedised Pelican Case

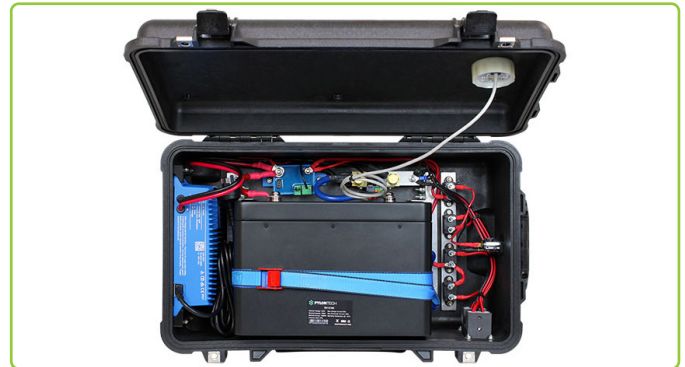
#### FEATURES

The LFBM-ESS128100 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 100Ah (1.28KWh).

It is equipped with five fused output connectors: two Anderson SB50, two Anderson SB30 and one cigarette lighter; capable of supplying 65A continuous to the load. Furthermore, the battery pack possesses a display to show the output voltage/current and state-of-charge at all times, as well as, bluetooth connectivity for remote monitoring.

#### SPECIFICATIONS

Model Number	LFBM-ESS128100	
Battery Type	Chemistry	Lithium Iron Phosphate (LiFePO4)
	Battery pack	Pylontech RV12100
	Nominal Voltage	12.8VDC
	Capacity [Ah]	100Ah
	Power [Wh]	1280Wh
Input <sup>(1)</sup>	Charger	Victron IP67 12.8V - 25A (Use original charger only)
	DC charging voltage	14.4V (recommended)
	DC charging current	25A (recommended)
Output <sup>(2)</sup>	DC Voltage	10 ~ 14.4VDC
	DC Max. Current	65A
	Anderson SB50	2 fused ports - 25A each (customisable)
	Anderson SB30	2 fused ports - 15A each (customisable)
	Cigarette Lighter	1 fused port - 15A (customisable)
User Interface	Display	Victron BMV-712
	Indicators	YES - Voltage/Current & SoC
	Bluetooth Connectivity	YES
Dimensions	350mm (W) x 560mm (H) x 230mm (D)	
Weight	23.5Kg (approx.)	
Temperature	Charging	0°C to +45°C
	Discharging	-20°C to +60°C
	Storage	-20°C to +60°C
Ingress Protection Rating	IP64	



(1) This battery module comes supplied with Victron IP67 12.8V-25A Charger.  
(2) All outputs protected with resettable fuses.

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