



12.8V

100Ah

LiFePO4

1.28kWh

Energy Storage System - Self Contained Lithium Battery in Ruggedised HPRC Box

FEATURES

The LFBM-COMPACT128100 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 fused output connectors: 1 X Anderson SB50, 1 X 12V cigarette lighter and 1 X USB A+C port; capable of supplying maximum of 25 amp continuous discharge.

Comes with integrated Victron Battery Protect for low voltage disconnect and a Victron Smart Shunt for voltage/ current and accurate state-of-charge using Victron Connect App via Bluetooth.



TECHNICAL SPECIFICATIONS

Model Number		LFBM-COMPACT128100
Battery Pack	Chemistry	Lithium Iron Phosphate (LiFePO4)
	Battery pack	12.8V 100Ah CALB + BMS
	Nominal Voltage	12.8 VDC
	Capacity [Ah]	100Ah
	Power [Wh]	1280Wh
Input*	Charger	Victron IP65 12.8V 10/15A (sold seperately)
	DC charging voltage	14.4V (recommended)
	DC charging current	10-15A (recommended)
Output**	DC Voltage	10 ~ 14.4 VDC
	DC Maximum Current	25A Maximum Continuous
	Anderson SB50	1 fused port - 25A each
	Cigarette Lighter	1 fused port - 10A
User Interface	USB A + C	1 fused port - 10A
	Display	Victron Smart Shunt (Bluetooth)
	Voltage/Current indicator	YES
	SOC indicator	YES
Dimensions	Bluetooth Connectivity	YES
		284mm (W) x 223mm (H) x 260mm (D)
Weight		11Kg (approx.)
Temperature	Charging	-5°C to +60°C
	Discharging	-20°C to +60°C
	Storage	-20°C to +60°C
Ingress Protection Rating		IP66

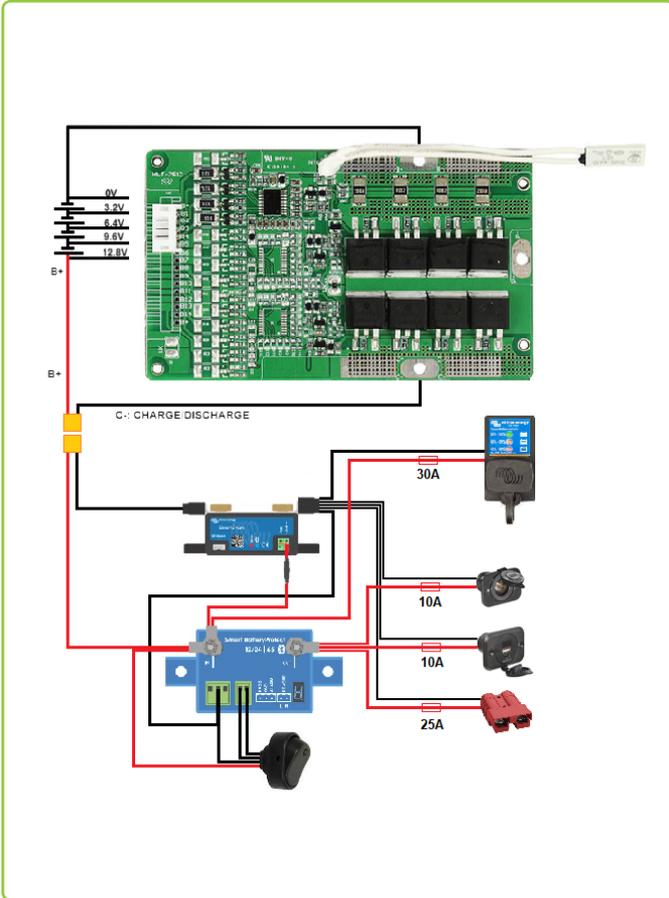
*Victron IP65 12.8V 10/15A charger is recommended

**All outputs protected with fuses (Anderson SB50 is auto reset)

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BATTERY WIRING DIAGRAM



PRODUCT IMAGES



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