



12.8V

45Ah

LiFePO4

576Wh

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

### FEATURES

The LFBM-COMPACT12845 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 45Ah (576Wh).

It is equipped with fused output connectors: Amphenol MP24M23G5 connector; capable of supplying maximum of 10 Amps 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

<b>Model Number</b>		LFBM-COMPACT12845
<b>Battery Pack</b>	Chemistry	Lithium Iron Phosphate (LiFePO4)
	Battery pack	12.8V 45Ah Drypower 12LFP45
	Nominal Voltage	12.8 VDC
	Capacity [Ah]	45Ah
	Power [Wh]	576Wh
<b>Input 1*</b>	PV voltage	75V Maximum
	PV current	10A Maximum
	Connector	Anderson SB50
	MPPT	TSB004 Universal Charger (200W)
<b>Input 2*</b>	DC Voltage	24V Nominal
	DC Current	5A (Recommended)
	Connector	MP24M23G5
<b>Output*</b>	DC Voltage	10 ~ 14.4 VDC
	DC Current	10A Maximum Continuous
	Connector	MP24M23G5
	Low Voltage Disconnect	10.5V [Programmable]
<b>User Interface</b>	Interface	Victron Smart Shunt (Bluetooth)
	Voltage/Current indicator	YES
	SOC indicator	YES
	Bluetooth Connectivity	YES
<b>Dimensions</b>		284mm (W) x 223mm (H) x 260mm (D)
<b>Weight</b>		11Kg (approx.)
<b>Temperature</b>	Charging	-5°C to +60°C
	Discharging	-20°C to +60°C
	Storage	-20°C to +60°C
<b>Ingress Protection Rating</b>		IP66

\*All connections protected with fuses.

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### PRODUCT IMAGES



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