A2D2 LiFePO4

LiFePO4 (Lithium Iron Phosphate Battery)

25.6V / 50Ah (1280Wh)

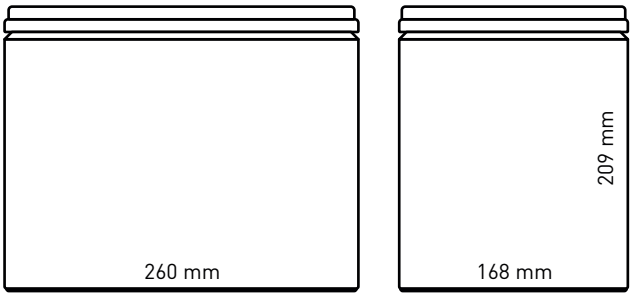
LFA2-24V050C10-M8B2

CHARACTERISTICS

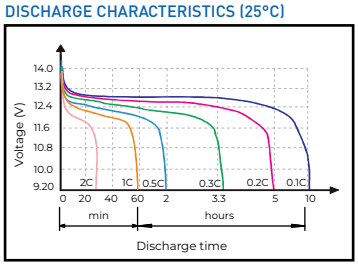
BATTERY SPECIFICATIONS	
Battery type-Chemistry	LiFePO4
Nominal Voltage	25.6 V
Nominal Capacity	50 Ah
Output Power	1280 Wh
Dimensions (L x W x H)	260 x 168 x 209 mm
Weight	10.8 kg
Terminal Type	M8
Case Material	ABS
Internal Resistance	<50 mΩ
BMS built-in	Yes
Self Discharge per Month	<3 %
Cycle Life	4000 Cycles (1C, 25°C, 80% DOD)
Discharge Temperature	(-20 to 60) °C
Charge Temperature	(0 to 45) °C
Storage Temperature	(0 to 35) °C
Bluetooth	Yes
LCD Screen	No
Connector	No
Heating Function	No
IP Rating	IP65
Voltage Window	21.6-29.2 V
Recommended Charge Voltage	29.2V ±0.20V
Max Charge Voltage	29.2V ±0.20V
Recommended Charge Current	10 A
Max Continuous Charge Current	25 A
Recommended Discharge voltage	22.4V ±0.20V
Max Discharging Voltage	20V ±0.20V
Max Continuous Discharge Current	50 A
Peak Discharge Current	60 A (5±3S)
The maximum number of battery packs supported in series	≤4PCS
The maximum number of battery packs supported in parallel	supported

DIMENSIONS

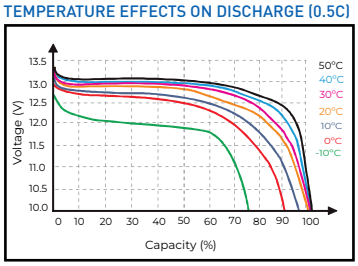




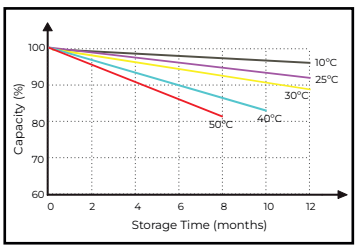
DISCHARGE CHARACTERISTICS (25°C)



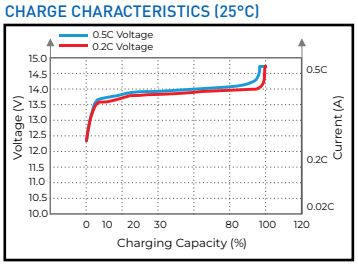
TEMPERATURE EFFECTS ON DISCHARGE (0.5C)



SELF DISCHARGE CHARACTERISTICS



CHARGE CHARACTERISTICS (25°C)



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