A2D2 LiFePO4

LiFePO4 (Lithium Iron Phosphate Battery)

12.8V / 20Ah (256Wh)

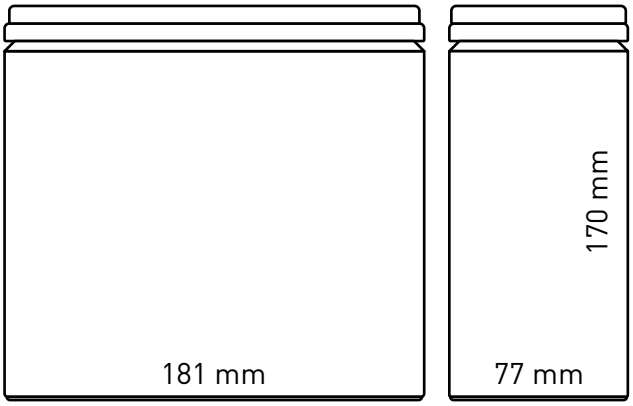
LFA2-12V020C10-M5B1

CHARACTERISTICS

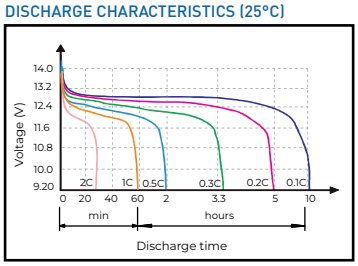
BATTERY SPECIFICATIONS	
Battery type-Chemistry	LiFePO4
Nominal Voltage	12.8 V
Nominal Capacity	20 Ah
Output Power	256 Wh
Dimensions (L x W x H)	181 x 77 x 170 mm
Weight	2.2 kg
Terminal Type	M5
Case Material	ABS
Internal Resistance	-
BMS built-in	Yes
Self Discharge per Month	<3 %
Cycle Life	6000 Cycles (0.2 C, 25°C, 80% DOD)
Discharge Temperature	(-20 to 60) °C
Charge Temperature	(0 to 45) °C
Storage Temperature	(0 to 35) °C
Bluetooth	No
LCD Screen	No
Connector	No
Heating Function	No
IP Rating	IP65
Voltage Window	10.8-14.6 V
Recommended Charge Voltage	14.4V ±0.20V
Max Charge Voltage	14.6V ±0.20V
Recommended Charge Current	4 A
Max Continuous Charge Current	20 A
Recommended Discharge voltage	11.2V ±0.20V
Max Discharging Voltage	10.8V ±0.20V
Max Continuous Discharge Current	20 A
Peak Discharge Current	30 A (3S)
The maximum number of battery packs supported in series	≤4PCS
The maximum number of battery packs supported in parallel	supported

DIMENSIONS

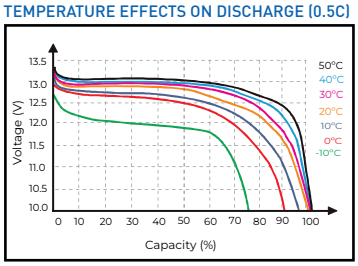




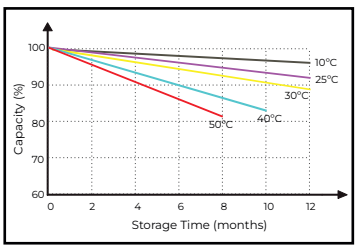
DISCHARGE CHARACTERISTICS (25°C)



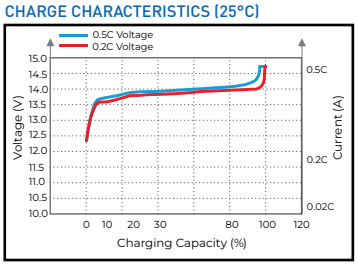
TEMPERATURE EFFECTS ON DISCHARGE (0.5C)



SELF DISCHARGE CHARACTERISTICS



CHARGE CHARACTERISTICS (25°C)



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