

A2D2

LiFePO₄

LiFePO₄ (Lithium Iron Phosphate Battery)

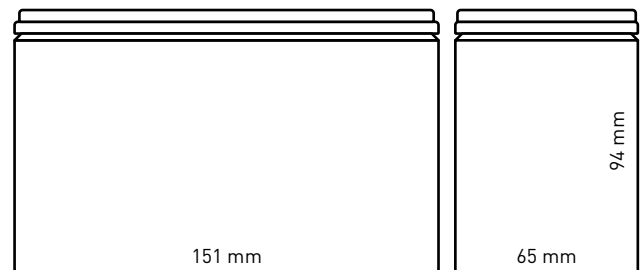
12.8V / 10Ah (128Wh)

LFA2-12V010C10-F2X3

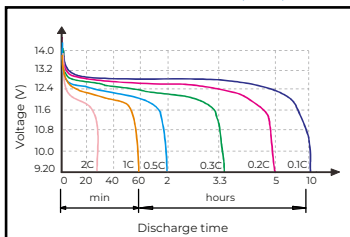
CHARACTERISTICS

BATTERY SPECIFICATIONS	
Battery type-Chemistry	LiFePO ₄
Nominal Voltage	12.8 V
Nominal Capacity	10 Ah
Output Power	128 Wh
Dimensions (L x W x H)	151 x 65 x 94 mm
Weight	1 kg
Terminal Type	F2
Case Material	ABS
Internal Resistance	<20 mΩ
BMS built-in	Yes
Self Discharge per Month	<3 %
Cycle Life	2000 Cycles (0.2C, 25°C, 80% of the initial capacity)
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	8.4-14.6 V
Recommended Charge Voltage	14.6 V
Max Charge Voltage	14.6 V
Recommended Charge Current	2 A
Max Continuous Charge Current	10 A
Recommended Discharge voltage	11.2V ±0.20V
Max Discharging Voltage	8.4V ±0.20V
Max Continuous Discharge Current	10 A
Peak Discharge Current	20 A (3S)
The maximum number of battery packs supported in series	≤4PCS
The maximum number of battery packs supported in parallel	supported

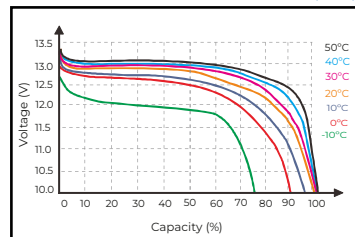
DIMENSIONS



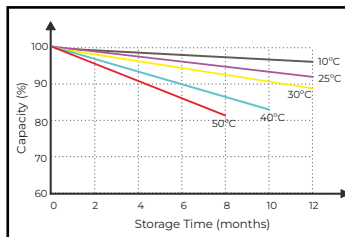
DISCHARGE CHARACTERISTICS (25°C)



TEMPERATURE EFFECTS ON DISCHARGE (0.5C)



SELF DISCHARGE CHARACTERISTICS



CHARGE CHARACTERISTICS (25°C)

