

A2D2

LiFePO₄

LiFePO₄ (Lithium Iron Phosphate Battery)

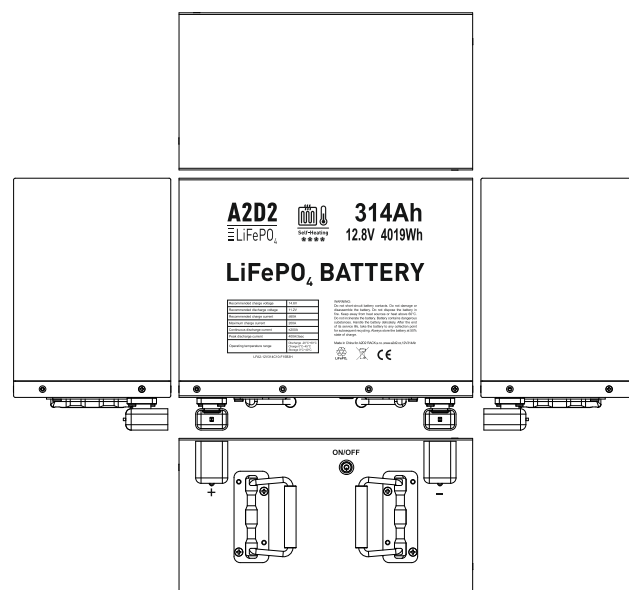
12.8V / 314Ah (4019Wh)

LFA2-12V314C06-F15B3H

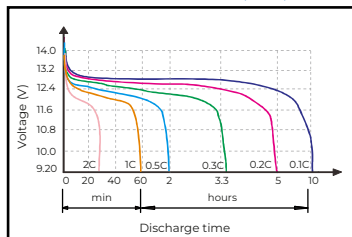
CHARACTERISTICS

BATTERY SPECIFICATIONS	
Battery type-Chemistry	LiFePO ₄
Nominal Voltage	12.8 V
Nominal Capacity	314 Ah
Output Power	4019 Wh
Dimensions (L x W x H)	355 x 306 x 190 mm
Weight	30 kg
Terminal Type	M8
Case Material	metal
Internal Resistance	<20 mΩ
BMS built-in	Yes
Self Discharge per Month	<3 %
Cycle Life	8000 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	Yes
LCD Screen	No
Connector	No
Heating Function	Yes
IP Rating	IP50
Voltage Window	10-14.6 V
Recommended Charge Voltage	14.6 V
Max Charge Voltage	14.6 V
Recommended Charge Current	60 A
Max Continuous Charge Current	200 A
Recommended Discharge voltage	11.2V ±0.20V
Max Discharging Voltage	10V ±0.20V
Max Continuous Discharge Current	200 A
Peak Discharge Current	400 A (3S)
The maximum number of battery packs supported in series	≤4PCS
The maximum number of battery packs supported in parallel	supported

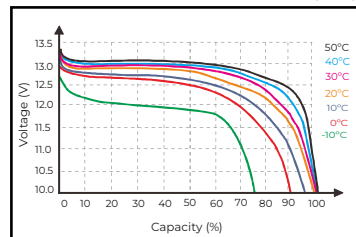
DIMENSIONS



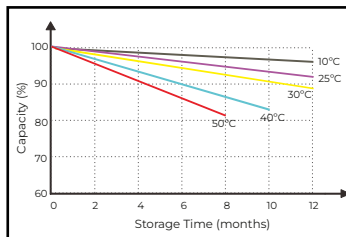
DISCHARGE CHARACTERISTICS (25°C)



TEMPERATURE EFFECTS ON DISCHARGE (0.5C)



SELF DISCHARGE CHARACTERISTICS



CHARGE CHARACTERISTICS (25°C)

