

A2D2

Na⁺-Ion

Sodium-Ion Battery / Na-Ion

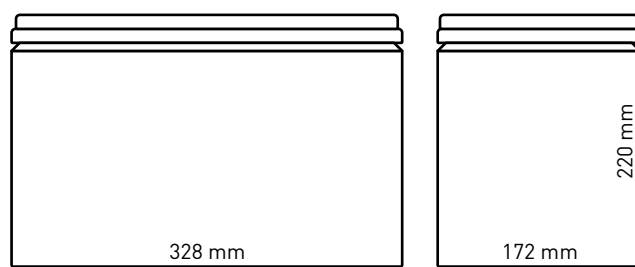
12V / 100Ah (1200Wh)

NAA2-12V100C10-M8B1

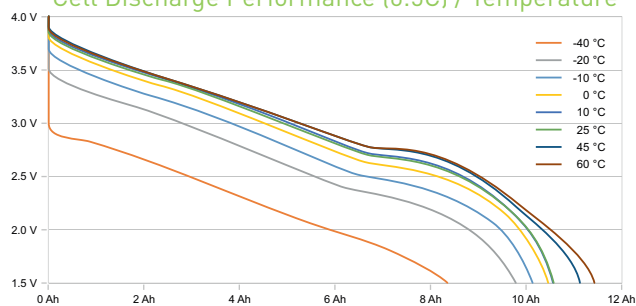
CHARACTERISTICS

Battery type-Chemistry	Na-Ion
Nominal Voltage	12 V
Nominal Capacity	100 Ah
Output Power	1200 Wh
Dimensions (L x W x H)	328 x 172 x 220 mm
Weight	13 kg
Terminal Type	M8
Case Material	ABS
BMS built-in	Yes
Internal Resistance	-
Self Discharge per Month	<3 %
Cycle Life	2000 Cycles (100% DOD)
Discharge Temperature	(-20 to 45) °C
Charge Temperature	(-20 to 45) °C
Storage Temperature	(-20 to 30) °C
Bluetooth	Yes
LCD Screen	No
Connector	No
Heating Function	No
IP Rating	IP65
Voltage Window	8 V - 16 V
Recommended Charge Voltage	16 V ±0.20 V
Max Charge Voltage	16 V ±0.20 V
Recommended Charge Current	20 A
Max Continuous Charge Current	50 A
Max Continuous Discharge Current	20 A
Peak Discharge Current	100 A
The maximum number of strings supported by the battery pack	0 PCS
The maximum number of battery packs supported in parallel	≤2 PCS

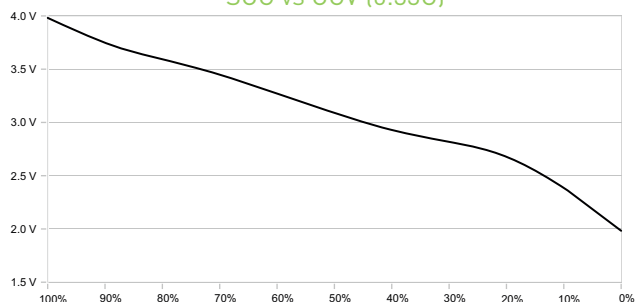
DIMENSIONS



Cell Discharge Performance (0.5C) / Temperature



SOC vs OCV (0.33C)



Cell Discharge Rate

