

LITHIUM-ION BATTERIES

51.2V 110Ah
5.632kWh



Built for Performance.
Designed for Growth.

LITHIUM-ION BATTERIES

PRODUCT SPECIFICATION:

51.2V 110Ah 5.632kWh



PRODUCT CHARACTERISTICS	PARAMETERS
Battery Voltage	51.2V
Battery Nominal Capacity	110 Ah
Battery Pack Actual Capacity at 100% DOD	108~110 Ah
Cell Technical specification	@0.5C EVE 105Ah
Battery operating Voltage Range	45~58.4±1V
Cell Cycle Life at 0.5C @25°C/@45°C	4000 cycles, 80% SOH/ 2000 cycles, 80% SOH
IP Rating	IP67
Battery Enclosure	MS (GI)
Operating Temp Range	0°C~60°C
Recommended working Temp Range	10°C~45°C
Recommended Discharge Current	0.33 C
Peak Discharge Current	-10 Sec 0.6 C
Battery Weight	46 KG
Maximum Recommended Motor Power	≤1.5 KW
Maximun load capacity	350 Kgs
DOD Percentage	95%
Warranty	3 Years
Cell Configuration	165 1P
Battery Dimension(mm) ±5 mm	440*326*283
BMS Type	Smart
Charge & Discharge separate port	Yes
Charge Connector	Anderson SB 50
Discharge Connector	Anderson SB 50
Voltage level protections	Enabled
Over Current Protection	Enabled
Temperature protection	Enabled
Short Circuit Protection	Enabled
Bluetooth Compatibility	Enabled
Cell Balancing	Passive
Communication Protocol	CAN/Non CAN
Recommended Charger Rating	20/25A
IOT/GPS	On Demand
Application Standard	AIS156

RAYAX™

The Rays Of Power

CORPORATE ADDRESS

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FACTORY ADDRESS

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