

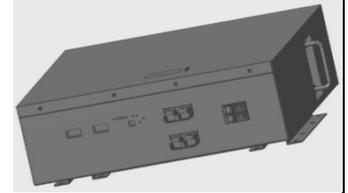
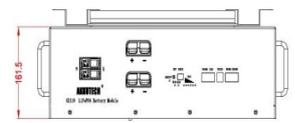


Lithium Iron Phosphate Battery

LiFePO4 51.2V 5.12KWh

Production Model:

Physical dimension drawings
(Reference Only)



Specifications:

Electrical characteristics	Nominal Voltage	51.2V
	Energy	5.12KWh
	Self Discharge, 1 month	<3%
	Charge Efficiency	100% at 0.2C
	Discharge Efficiency	96 - 99%
Charge Parameters	Charge Mode	Constant charge at 0.2C to 56V
	Charge Current	20A
	Maximum Charge current	50A
	Charge cut off Voltage	56V ± 0.2V
Discharge Parameters	Maximum Continuous Current	50A
	Discharge Cut-off Voltage	43.2V
Environment	Charge Temperature	0°C to 45°C
	Discharge Temperature	-20°C to 60°C
	Storage Temperature	0°C to 40°C
Mechanical Specifications	Cell Material	LiFePO4
	Case	Metal
	Dimensions	600mm x 500mm x 194mm
	Mass	65kg
	Connector	Anderson A175
	Communication	RS485 / CAN
Design Life	10 Years	25°C
Cycle Life	4000 Times	80% DOD
Protection	BMS	Over charge, Over discharge, Over current, Short current, Cell balancing, Temperature protection
Display	LCD	With a LCD display screen