

### LITHIUM IRON PHOSPHATE BATTERY

#### ELECTRICAL SPECIFICATIONS

Nominal Voltage	25.6 V
Nominal Capacity	60Ah
Capacity @ 0.2C	>290 min
Energy	1536Wh
Resistance	<50 mΩ
Efficiency	99%
Self Discharge	<3% per Month
Maximum Modules in Series	2
Maximum Modules in Parallel	4

#### DISCHARGE SPECIFICATIONS

Maximum Continuous Discharge Current	60 A
Peak Discharge Current	120 A (3S)
Recommended Low Voltage Disconnect	22 V
PCM Discharge Voltage Cut-Off	20 V
Reconnect Voltage	24 V
Short Circuit Protection	Yes

#### TEMPERATURE SPECIFICATIONS

Discharge Temperature	-20 to 60 °C
Charge Temperature	-20 to 60 °C
Storage Temperature	-20 to 60 °C
PCM High Temperature Cut-Off	176 °F (80 °C)

#### DIMENSIONAL SPECIFICATIONS

#### MECHANICAL SPECIFICATIONS

Dimensions (L x W x H)	329 x 171 x 223mm
Weight	13.5kg
Terminal Type	M8
Case Material	ABS
Enclosure Protection	IP65
Cell Type - Chemistry	LiFePO <sub>4</sub>

#### CHARGE SPECIFICATIONS

Recommended Charge Current	<30 A
Maximum Charge Current	60 A
Recommended Charge Voltage	28.4 V - 29.2 V
PCM Charge Voltage Cut-Off	29.2 V
Reconnect Voltage	28.0 V
Balancing Voltage	3.4V per cell and 30mV cell gap

#### BATTERY FUNCTIONS

Bluetooth	Yes
Active Cell balance	Yes
Heater	Yes

