

# SKANBATT

## LITHIUM

### HEAT

## LITHIUM IRON PHOSPHATE BATTERY

### HEAT-180150BS (APP: V2Battery)

#### ELECTRICAL SPECIFICATIONS

Nominal Voltage	12.8 V
Nominal Capacity	180 Ah
Capacity @ 0.2C	>290 min
Energy	2304Wh
Resistance	<50 mΩ
Efficiency	99%
Self Discharge	<5% per Month
Maximum Modules in Series	1

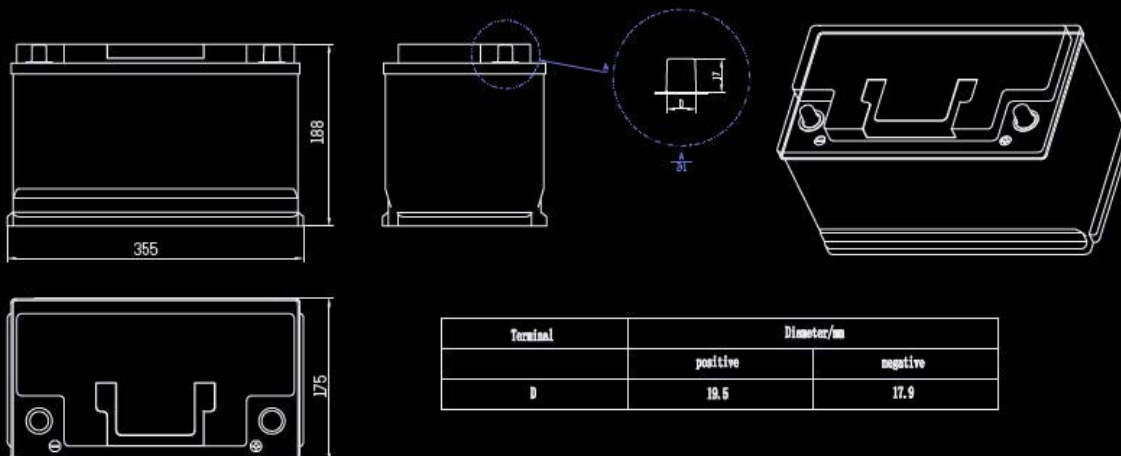
#### DISCHARGE SPECIFICATIONS

Maximum Continuous Discharge Current	150 A
Peak Discharge Current	450 A
Recommended Low Voltage Disconnect	11 V
PCM Discharge Voltage Cut-Off	10 V
Reconnect Voltage	12 V
Short Circuit Protection	Yes

#### TEMPERATURE SPECIFICATIONS

Discharge Temperature	<4 to 140 °F (-20 to 60 °C)
Charge Temperature	 4 to 140 °F (-20 to 60 °C)
Storage Temperature	-4 to 140 °F (-20 to 60 °C)
PCM High Temperature Cut-Off	176 °F (80 °C)

#### DIMENSIONAL SPECIFICATIONS



#### MECHANICAL SPECIFICATIONS

Dimensions (L x W x H)	355 x 175 x 188 mm
Weight	16.9kg
Terminal Type	SAE & M8
Case Material	ABS
Enclosure Protection	IP65
Chemistry	LiFePO <sub>4</sub>

#### CHARGE SPECIFICATIONS

Recommended Charge Current	< 90 A
Maximum Charge Current	150 A
Recommended Charge Voltage	14.2 V - 14.6 V
PCM Charge Voltage Cut-Off	15.0 V
Reconnect Voltage	14.0 V
Balancing Voltage	14.4 V
Active Cell Balancing Function:	1~3 A

Bluetooth	Yes
Active Cell balance	Yes
Heater	Yes

Terminal	Diameter/mm	
	positive	negative
D	19.5	17.9