

SKANBATT

LITHIUM HEAT

LITHIUM IRON PHOSPHATE BATTERY HEAT-100100BS-SMALL (APP: V2Battery)

ELECTRICAL SPECIFICATIONS

| | |
|---------------------------|---------------|
| Nominal Voltage | 12.8 V |
| Nominal Capacity | 100 Ah |
| Capacity @ 0.2C | >290 min |
| Energy | 1280 Wh |
| Resistance | < 50 mΩ |
| Efficiency | 99% |
| Self Discharge | <5% per Month |
| Maximum Modules in Series | 1 |

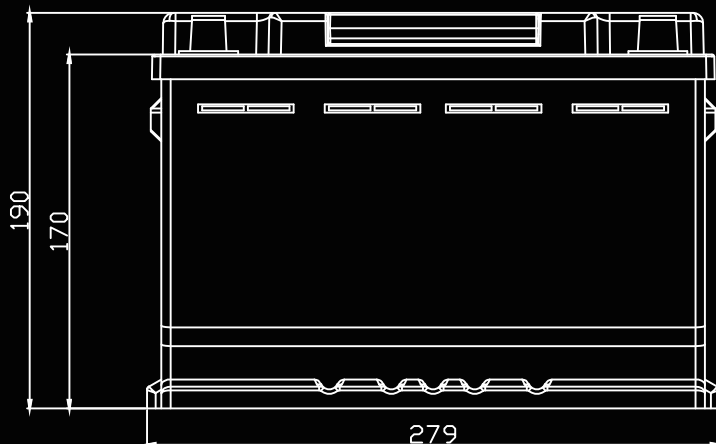
DISCHARGE SPECIFICATIONS

| | |
|--------------------------------------|-----------|
| Maximum Continuous Discharge Current | 100 A |
| Peak Discharge Current | 320 A <5s |
| 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 | ❄️ -22 to 131 °F (-30 to 55 °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) | 279 x 176 x 190 mm |
| Weight | 11.5 kg |
| Terminal Type | AP+M8 |
| Terminal Torque | 80 - 100 in-lbs (9 - 11 N-m) |
| Case Material | ABS |
| Enclosure Protection | IP65 |
| Chemistry | LiFePO ₄ |

CHARGE SPECIFICATIONS

| | |
|----------------------------|-----------------|
| Recommended Charge Current | < 60 A |
| Maximum Charge Current | 80 A |
| Recommended Charge Voltage | 14.2 V - 14.6 V |
| PCM Charge Voltage Cut-Off | 15.0 V |
| Reconnect Voltage | 14.9 V |

BATTERY FUNCTIONS

| | |
|---------------------|-----|
| Bluetooth | Yes |
| Active Cell balance | Yes |
| Heater | Yes |

