

# SKANBATT

## LITHIUM IRON PHOSPHATE BATTERY

LITH-STA1260 (APP: V2Battery)

### ELECTRICAL SPECIFICATIONS

|                           |               |
|---------------------------|---------------|
| Nominal Voltage           | 12.8 V        |
| Nominal Capacity          | 60 Ah         |
| Capacity @ 0.2C           | >290 min      |
| Energy                    | 768 Wh        |
| Resistance                | < 30 mΩ       |
| Efficiency                | 99%           |
| Self Discharge            | <5% per Month |
| Maximum Modules in Series | 1             |

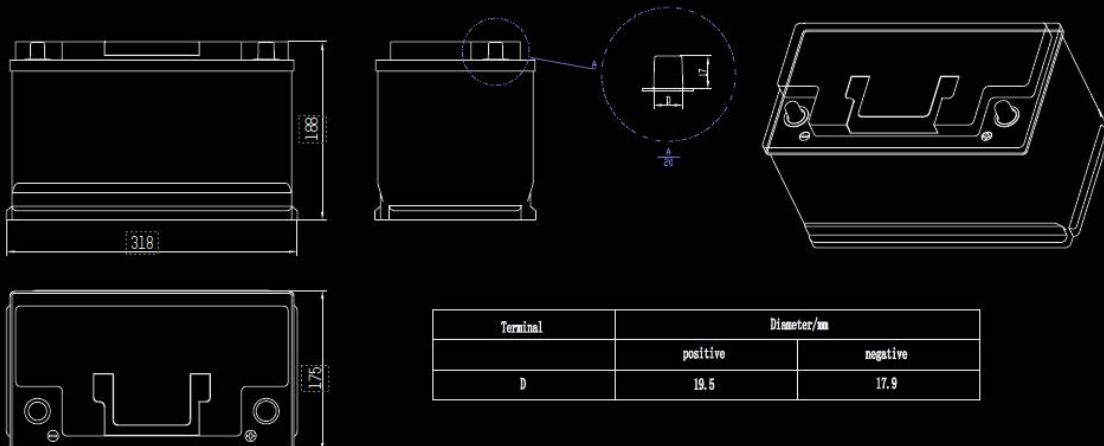
### DISCHARGE SPECIFICATIONS

|                                      |       |
|--------------------------------------|-------|
| Maximum Continuous Discharge Current | 200 A |
| Peak Discharge Current               | 900 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           | 32 to 131 °F (0 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) | 318 x 175 x 188 mm           |
| Weight                 | 6.5 kg                       |
| Terminal Type          | SAE                          |
| Terminal Torque        | 80 - 100 in-lbs (9 - 11 N-m) |
| Case Material          | ABS                          |
| Enclosure Protection   | IP65                         |
| Chemistry              | LiFePO <sub>4</sub>          |

### CHARGE SPECIFICATIONS

|                                 |                 |
|---------------------------------|-----------------|
| Recommended Charge Current      | < 30 A          |
| Maximum Charge Current          | 150 A           |
| Recommended Charge Voltage      | 14.2 V - 14.6 V |
| PCM Charge Voltage Cut-Off      | 15.6 V          |
| Reconnect Voltage               | 15.2 V          |
| Balancing Voltage               | 14.4 V          |
| Active Cell Balancing Function: | Yes             |

Bluetooth Yes