

# POWER BATTERY SERIES

36V~72V Power Lithium (LiFePO4) Battery



Golf Cart



Forklift



Electric Boat



AGV



Support Lead Display →

| Parameters                  | Data Sheet                                      |                                                 |                                                 |                                                 | Data Sheet                                      |                                                 |                                                 |                                                 |                                                 |
|-----------------------------|-------------------------------------------------|-------------------------------------------------|-------------------------------------------------|-------------------------------------------------|-------------------------------------------------|-------------------------------------------------|-------------------------------------------------|-------------------------------------------------|-------------------------------------------------|
| Model                       | GP36105                                         | GP48105                                         | GP48150                                         | GP48200                                         | GP60105                                         | GP60200                                         | GP72105                                         | GP72120                                         | GP72200                                         |
| Product Specification       | 38.4V105Ah                                      | 51.2V105Ah                                      | 51.2V150Ah                                      | 51.2V200Ah                                      | 64V105Ah                                        | 64V200Ah                                        | 76.8V105Ah                                      | 76.8V120Ah                                      | 76.8V200Ah                                      |
| Nominal Voltage             | 38.4V                                           | 51.2V                                           | 51.2V                                           | 51.2V                                           | 64V                                             | 64V                                             | 76.8V                                           | 76.8V                                           | 76.8V                                           |
| Nominal Capacity            | 105Ah                                           | 105Ah                                           | 150Ah                                           | 200Ah                                           | 105Ah                                           | 200Ah                                           | 105Ah                                           | 105Ah                                           | 200Ah                                           |
| Battery Energy              | 4032Wh                                          | 5376Wh                                          | 7680Wh                                          | 10240Wh                                         | 6720Wh                                          | 12800Wh                                         | 8064Wh                                          | 9216Wh                                          | 15360Wh                                         |
| Charging Current            | Recommend/ 20A;<br>Max./ 50A                    | Recommend/ 20A;<br>Max./ 50A                    | Recommend/ 30A;<br>Max./ 70A                    | Recommend/ 40A;<br>Max./ 100A                   | Recommend/ 20A;<br>Max./ 50A                    | Recommend/ 40A;<br>Max./ 100A                   | Recommend/ 20A;<br>Max./ 50A                    | Recommend/ 20A;<br>Max./ 50A                    | Recommend/ 40A;<br>Max./ 100A                   |
| Discharging Current         | Recommend/ 100A;<br>Max./ 150A ; Peak/ 200A(3S) | Recommend/ 100A;<br>Max./ 150A ; Peak/ 200A(3S) | Recommend/ 100A;<br>Max./ 150A ; Peak/ 200A(3S) | Recommend/ 100A;<br>Max./ 200A ; Peak/ 250A(3S) | Recommend/ 100A;<br>Max./ 150A ; Peak/ 200A(3S) | Recommend/ 100A;<br>Max./ 200A ; Peak/ 250A(3S) | Recommend/ 100A;<br>Max./ 150A ; Peak/ 200A(3S) | Recommend/ 100A;<br>Max./ 150A ; Peak/ 200A(3S) | Recommend/ 100A;<br>Max./ 200A ; Peak/ 250A(3S) |
| Discharging Cut-off Voltage | 33.6V± 0.2V                                     | 44.8V± 0.2V                                     | 44.8V± 0.2V                                     | 44.8V± 0.2V                                     | 56V± 0.2V                                       | 56V± 0.2V                                       | 67.2V± 0.2V                                     | 67.2V± 0.2V                                     | 67.2V± 0.2V                                     |
| Charging Cut-off Voltage    | 43.2V± 0.2V                                     | 57.6V± 0.2V                                     | 57.6V± 0.2V                                     | 57.6V± 0.2V                                     | 72V± 0.2V                                       | 72V± 0.2V                                       | 86.4V± 0.2V                                     | 86.4V± 0.2V                                     | 86.4V± 0.2V                                     |
| Weight                      | ≈36Kg                                           | ≈45Kg                                           | ≈58Kg                                           | ≈80Kg                                           | ≈55Kg                                           | ≈86Kg                                           | ≈62Kg                                           | ≈68Kg                                           | ≈110Kg                                          |
| Dimensions(L*W*H)           | 360(420)*250(300)*247mm                         | 410(470)*284(334)*247mm                         | 540(600)*275(325)*295mm                         | 540(600)*360(410)*265mm                         | 480(540)*284(334)*247mm                         | 620(680)*360(410)*265mm                         | 480(540)*284(334)*247mm                         | 700(760)*360(410)*210mm                         | 780(840)*360(410)*265mm                         |
| Cell Type                   | LiFePO4 Battery                                 |                                                 |                                                 |                                                 | LiFePO4 Battery                                 |                                                 |                                                 |                                                 |                                                 |
| Terminal                    | M8 screw / Anderson(Support customization)      |                                                 |                                                 |                                                 | M8 screw / Anderson(Support customization)      |                                                 |                                                 |                                                 |                                                 |
| Case Material               | Metal Box                                       |                                                 |                                                 |                                                 | Metal Box                                       |                                                 |                                                 |                                                 |                                                 |
| Communication Mode          | RS485 or BT (Optional)                          |                                                 |                                                 |                                                 | RS485 or BT (Optional)                          |                                                 |                                                 |                                                 |                                                 |
| Depth of Discharge          | 95                                              |                                                 |                                                 |                                                 | 95                                              |                                                 |                                                 |                                                 |                                                 |
| Working Temperature         | 0°C~50°C Charge / -10°C~50°C Discharge          |                                                 |                                                 |                                                 | 0°C~50°C Charge / -10°C~50°C Discharge          |                                                 |                                                 |                                                 |                                                 |
| The Shelf Temperature       | -20°C~60°C                                      |                                                 |                                                 |                                                 | -20°C~60°C                                      |                                                 |                                                 |                                                 |                                                 |
| Humidity                    | 5~95%(RH)                                       |                                                 |                                                 |                                                 | 5~95%(RH)                                       |                                                 |                                                 |                                                 |                                                 |
| Design Life Cycle           | 10+Years (25°C/77°F)                            |                                                 |                                                 |                                                 | 10+Years (25°C/77°F)                            |                                                 |                                                 |                                                 |                                                 |
| Assembly Method             | M10 screw / Battery Compartment                 |                                                 |                                                 |                                                 | M10 screw / Battery Compartment                 |                                                 |                                                 |                                                 |                                                 |