

# ABS LiFePO<sub>4</sub> Battery

12.8V-100Ah & 12.8V-200Ah & 12.8V-300Ah

Upgraded Alternative to Lead-acid Battery



| Model                      | FABS128100                                                | FABS128200         | FABS128300         |
|----------------------------|-----------------------------------------------------------|--------------------|--------------------|
| Electrical Characteristics |                                                           |                    |                    |
| Nominal Voltage            | 12.8 V                                                    | 12.8 V             | 12.8 V             |
| Nominal Capacity           | 100 Ah                                                    | 200 Ah             | 300 Ah             |
| Energy                     | 1280 Wh                                                   | 2560 Wh            | 3840 Wh            |
| Cycle Life                 | ≥3000 Cycles @0.5C                                        | ≥3000 Cycles @0.5C | ≥6000 Cycles @0.5C |
| Cell                       |                                                           |                    |                    |
| Capacity                   | 100 Ah                                                    | 200 Ah             | 300 Ah             |
| Rated Voltage              | 3.2 V                                                     | 3.2 V              | 3.2 V              |
| Combination Method         | 4S1P                                                      | 4S1P               | 4S1P               |
| Standard Charge            |                                                           |                    |                    |
| Charge Voltage             | 14.4V ± 0.2V                                              |                    |                    |
| Charge Mode                | 0.5C to 14.4V, then 14.4V, charge current to 0.02C(CC/CV) |                    |                    |
| Charge Current             | 50 A                                                      | 100 A              | 150 A              |
| Max. Charge Current        | 100 A                                                     | 150 A              | 150 A              |
| Standard Discharge         |                                                           |                    |                    |
| Max. Continuous Current    | 100 A                                                     | 150 A              | 150 A              |
| Discharge Cut-off Voltage  | 10 V                                                      | 10 V               | 10 V               |
| Environmental              |                                                           |                    |                    |
| Charge Temperature         | 0°C to 55 °C (32F to 113F) @60±25% Relative Humidity      |                    |                    |
| Discharge Temperature      | -20 °C to 55 °C (-4F to 140F) @60±25% Relative Humidity   |                    |                    |
| Storage Temperature        | 0 °C to 40 °C (32F to 104F) @60±25% Relative Humidity     |                    |                    |
| Water and Dust Resistance  | IP65                                                      |                    |                    |
| Mechanical                 |                                                           |                    |                    |
| Plastic Case               | ABS                                                       |                    |                    |
| Dimensions(mm)             | 318*184*196mm                                             | 302*214*258mm      | 379*218*262mm      |
| Weight(kg)                 | 9.5KG                                                     | 19.5KG             | 26KG               |

\*Images for reference only, please refer to the actual product photos corresponding to your order.  
\*Specifications are subject to change without prior notice; please refer to the specifications in your actual order.