

## Benefits & features:

- High energy density and lightweight;
- Supports parallel connection;
- High reliability, Long cycle life and security;
- Standard module, universal size;
- Protection of voltage, current and temperature.



## Specification:

| Model                     | HOM-SF12100  |            | Remark                                  |
|---------------------------|--|------------|---|
| Nominal voltage           | 25.6V  |            |   |
| Rated capacity            | 51Ah (0.2C/25°C)   |            | Min:50Ah                                |
| Energy                    | 1280Wh   |            |   |
| Cell Type                 | LiFePO4 battery  |            |   |
| Operating voltage range   | 20V~29.2V  |            | Typical:25.6V                           |
| Charging voltage          | 25.6V  |            |   |
| Discharge cut-off voltage | 20V±1V   |            |   |
| Charging current          | 20A Max  |            | Typical:30A                             |
| Discharge current         | 50A Max  |            |   |
| Dimensions (L*W*H )       | 330*175*220mm  |            |   |
| Weight                    | About 12kg   |            |   |
| Shell                     | Plastics/Black   |            |   |
| Series and parallel       | Support  |            | Number of series≤2 Number of parallel≤4 |
| Terminal stud             | M8   |            |   |
| Alarm & protection        | Over Voltage, Under Voltage, Over Current, Short Circuit |            |   |
| Cooling mode              | Automatic cold and hot                                   |            |   |
| Altitude                  | ≤4000m   |            |   |
| Humidity                  | 15%~85%  |            |   |
| Operating temperature     | Charge   | 0°C~50°C   |   |
|                           | Discharge  | -10°C~60°C |   |
| Storage temperature       | -20°C~50°C   |            |   |

**Application Field : Electrocar, PV energy storage, Household energy storage etc.**