

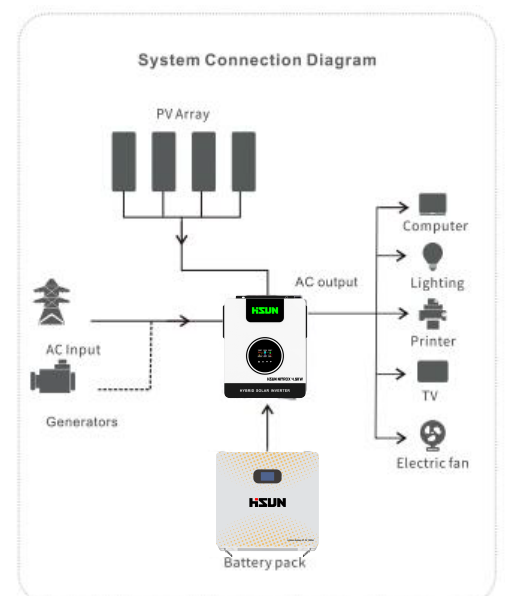


## HISUN-5100L

### Wall-mounted lithium iron phosphate (LiFePO4) battery pack

#### Features:

- High-quality lithium iron phosphate battery cells, with better product performance and reliability.
- Each battery module unit with an independent BMS system for scientific management of the cells.
- Support multiple battery packs in parallel
- Support RS485/CAN communication, compatible with global mainstream inverters
- Support mutiple install modes
- Life time reaches 6000 cycles
- Wider temperature range: -20°C-60°C
- Widely for home, stores and office use



## Specification:

| Model                    |                               | HISUN-5100L                |
|--------------------------|-------------------------------|----------------------------|
| Rated battery voltage    |                               | 51.2V                      |
| Electrical specification | Rated power                   | 5.12kWh                    |
|                          | Nominal capacity              | 100AH                      |
|                          | Combination                   | 16S1P                      |
|                          | Cycle life                    | ≥6000cycles@80%DOD@35°     |
|                          | Monthly self -discharge       | 3%/month                   |
|                          | Charge efficiency             | ≥97%                       |
|                          | Discharging efficiency        | ≥98%                       |
| Charging standard        | Recommended charging voltage  | 57.6V                      |
|                          | Recommended charging current  | 20A                        |
|                          | Maximum charging voltage      | 58.4V                      |
|                          | Maximum charging current      | 100A                       |
| Discharging standard     | Recommended discharge current | 50A                        |
|                          | Maximum discharge current     | 100A                       |
|                          | Discharge cut-off voltage     | 43.2V                      |
| Physical                 | Dimensions(W*D*H)(mm)         | 505*480*190mm              |
|                          | Pack agesize(W*D*H)(mm)       | 563*558*286mm              |
|                          | Net weight(kg)                | 47KG                       |
|                          | Gross weight(kg)              | 51KG                       |
|                          | IP protection                 | IP30                       |
|                          | Shell material                | Metal                      |
|                          | Optional functions            | FULL GUARD                 |
| Environment              | Charging temperature range    | 0°C~45°C                   |
|                          | Operating temperature range   | -20°C~60°C                 |
|                          | Storage temperature           | 0°C~40°C                   |
|                          | Humidity                      | 10%to95% RH(NO condensing) |

\*Product specifications are subject to change without further notice