



PS-5123140-NLVT

Features:

This series is a complete solution for the lithium iron phosphate battery system for the home energy storage field. There are three types of wall-mounted, vertical structures and rack. The system is safe and reliable. It can be used in home storage, industrial and commercial energy storage and other fields.

Product Features



Safe, reliable and long life



Dynamic identification, automatic paralleling, no need for DIP switches



Support Bluetooth, mobile APP switching PCS protocol



Flexible expansion, the number of parallel machines supports up to 15



Support PV and GEN



Visualization, LCD screen display



Supports mixed parallel of old and new batteries



Remote intelligent upgrade maintenance

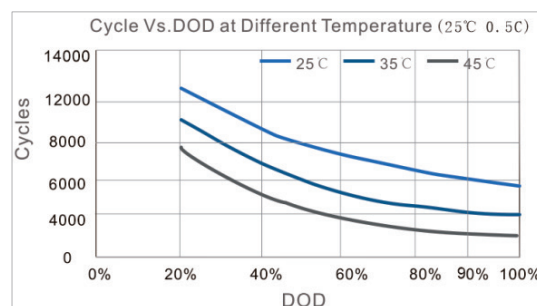
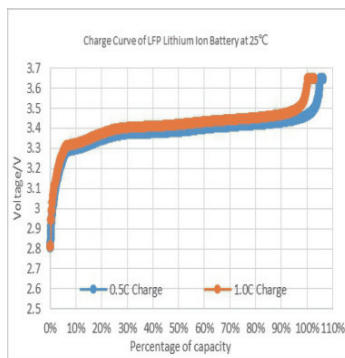
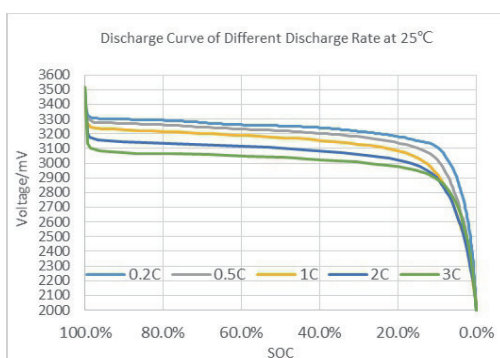
Compatible With Inverter Brands

| | | | | | | | |
|-----------|-----------|-----------|---------|---------|----------|----------|---------|
| MACQUARIE | Solis | GROWATT | DEYE | VITVON | SERMATEC | LUXPOWER | GSSTES |
| SMA | GOODWE | SREN | HuiNeng | iYPower | OUKITEL | ROBOROCK | Sunsunk |
| Voltronic | Pylontech | MustPower | SAKO | Senergy | Felicity | KSTAR | SOROTEC |

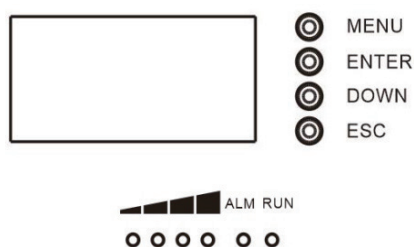
Technical Specifications

Cell characteristic curve

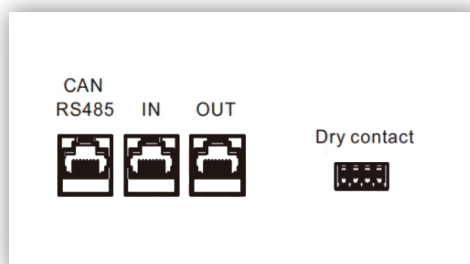
With process improvements and product upgrades, the product parameters are subject to change without prior notice



System Specifications



Panel silkscreen preview



Battery communication interface preview

| Model | PS-5123140-NLVT |
|------------------------------|----------------------|
| Voltage(V) | 43.2~58.4V |
| Cell | 3.2V314Ah |
| Model | 16S1P |
| Number of parallel machines | 15PCS |
| Nominal voltage(V) | 51.2 |
| Nominal Capacity(Ah) | 314 |
| Nominal Energy(kWh) | 16.07 |
| Maximum power output(kWh) | 7.6 |
| Maximum discharge current(A) | 150 |
| Maximum charging current(A) | 120 |
| Cut-off voltage(V) | 40 |
| Maximum charge voltage(V) | 58.4 |
| Cycles(25°C) | 0.5C, DOD%90, ≥ 6000 |
| Designlife | 15years (25°C, 0.5C) |
| Charging temperature(°C) | 0~55 |
| Discharge temperature(°C) | -20~55 |
| Operating humidity | <95%R.H |
| Communication mode | CAN/RS485 |
| Dry contact | Customized by demand |
| Optional modules | Bluetooth, 4G module |
| Product size(W*D*H,mm) | 710*510*230 |
| Packing size(W*D*H,mm) | 800*590*420 |
| Protection class | IP21 |
| System weight(kg) | Approx 137.9 |