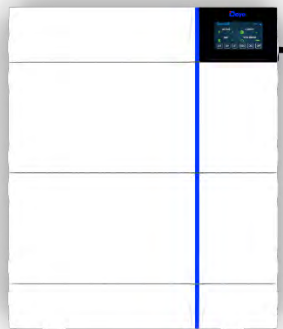
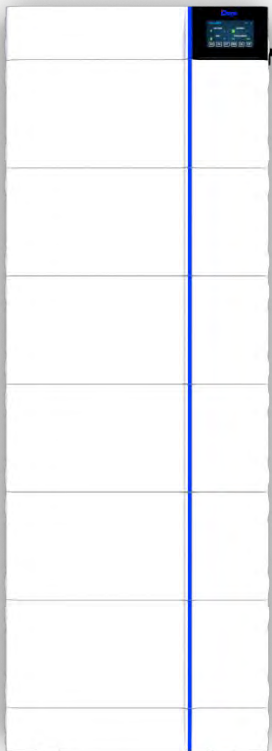
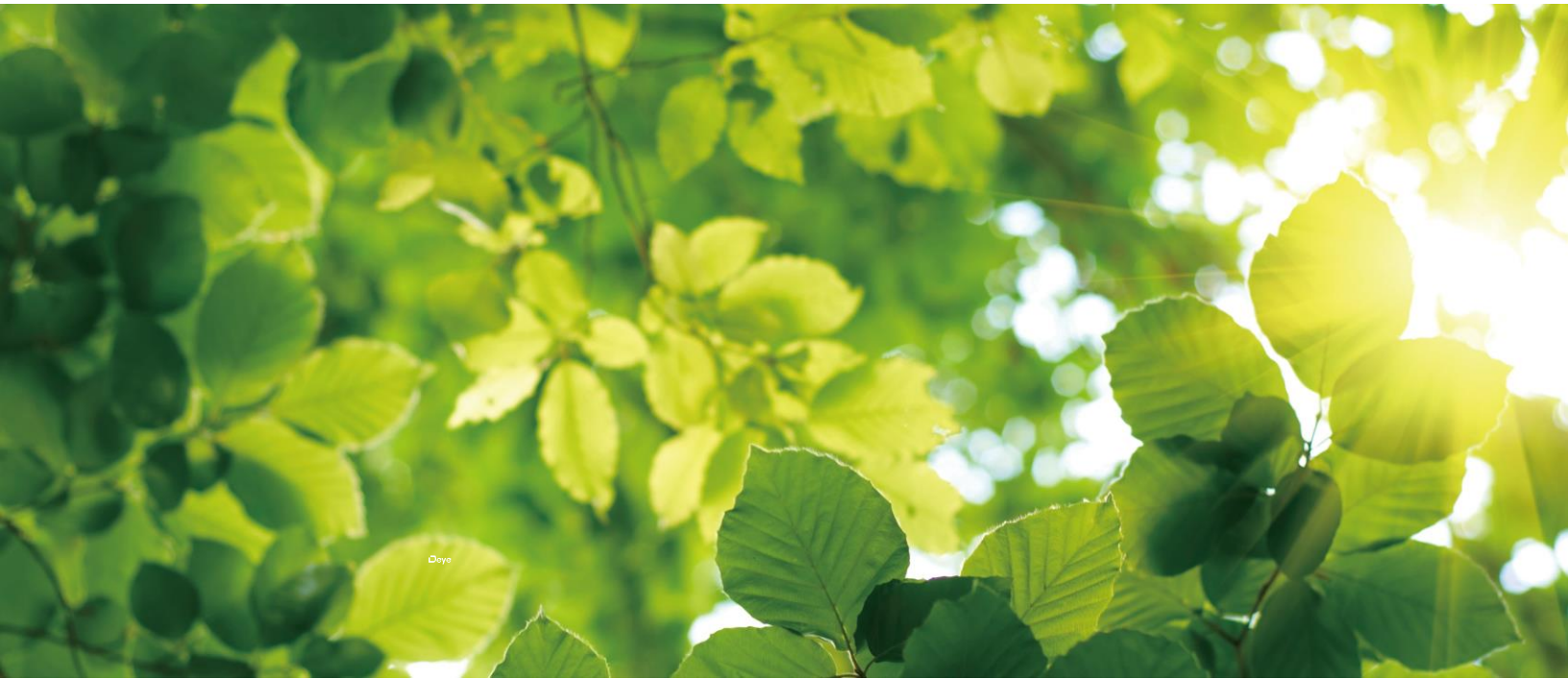


GB-L



- ◆ **Safety**

Built in explosion relief device to dredge gas, and built in fire protection device to cut off the fire source for 3 seconds

- ◆ **High-voltage stack**

Modules are connected in series without cable connection, and high-voltage platform improves system efficiency.

- ◆ **Thermal management**

Temperature detection of key parts, cell, power plug-in, etc.

- ◆ **Wide temperature operation**

The heating function is optional to meet the application scenarios with low temperature and no sense.

- ◆ **Environmental friendliness**

IP protection grade 65, anti-corrosion grade $\geq C2$, environmental protection battery.

- ◆ **Intelligent and visual**

Support remote upgrade, real-time battery warning information push, LCD data display.

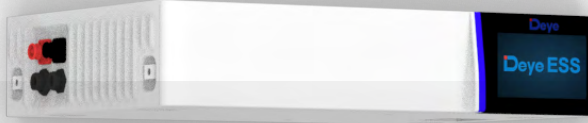
| Model | | GB-L | | | | |
|--|--|-------------|--------------|--------------|--------------|--|
| Main Parameter | | | | | | |
| Cell Chemistry | LiFePO4 | | | | | |
| Module Energy(kWh) | 4.09 | | | | | |
| Module Nominal Voltage (V) | 102.4 | | | | | |
| Module Capacity(Ah) | 40 | | | | | |
| Battery Module Qty InSeries (Optional) | 2 | 3 | 4 | 5 | 6 | |
| System Nominal Voltage (V) | 204.8 | 307.2 | 409.6 | 512 | 614.4 | |
| System Operating Voltage (V) | 166.4~700 | | | | | |
| System Energy (kWh) | 8.18 | 12.27 | 16.36 | 20.45 | 24.56 | |
| System Usable Energy (kWh) ¹ | 7.36 | 11.04 | 14.72 | 18.40 | 22.10 | |
| Charge/Discharge ² Current (A) | Recommend | 20 | | | | |
| | Nominal | 40 | | | | |
| | Peak Discharge (2 mins,25°C) | 50 | | | | |
| Working Temperature(°C) | Charge: 0~55/Discharge: -20~60 | | | | | |
| LCD Display | SOC%,Power,Total Voltage | | | | | |
| Communication Port | CAN2.0,RS485 | | | | | |
| Humidity | 5%~90% | | | | | |
| Altitude | ≤2000m | | | | | |
| IP Rating of Enclosure | IP65 | | | | | |
| Storage Temperature(°C) | 0~35 | | | | | |
| Dimension (W/D/H,mm) | 540*385*650 | 540*385*870 | 540*385*1090 | 540*385*1310 | 540*385*1530 | |
| Weight(kg) | 97 | 136 | 175 | 214 | 253 | |
| Installation Location | Floor Mount | | | | | |
| Recommend Depth of Discharge | 90% | | | | | |
| Cycle Life | 25±2°C,0.5C/0.5C,EOL70%≥6000 | | | | | |
| Warranty ³ | 10years | | | | | |
| Certification | CE/IEC62619 /VDE2510-50/ UL1973/UL9540A/UN38.3 | | | | | |


1 DC Usable Energy, test conditions: 90% DOD, 0.2C charge & discharge at 25°C. System usable energy may vary due to system configuration parameters.


2 The current is affected by temperature and SOC.


3 The warranty is due whichever reached first of warranty period or life cycle power.


| Model | Description |
|-------|-------------|
|-------|-------------|

| | | |
|---|--|--|
| GB-LBS | High voltage battery cluster control box |  |
| Operating Voltage | 120 ~ 750Vdc | |
| Nominal Charge/Discharge Current | 40A | |
| Max Charge/Discharge Current | 50A | |
| Operating Temperature Range | -20~65°C | |
| Ingress Protection | IP65 | |
| Dimension (W/D/H) Weight Approximate | 540*385*110mm 12kg | |


| | | |
|---|-------------------------|--|
| GB-LM4.0 | 4.09 kWh battery module |  |
| Battery Type | LiFePO4(LFP) | |
| Nominal Voltage | 102.4Vdc | |
| Rated Capacity | 40Ah | |
| Rated Energy | 4.09kWh | |
| Nominal Charge/Discharge Current | 40A | |
| Peak Discharge Current | 50A | |
| Charge Temperature | 0~55°C | |
| Discharge Temperature | -20°C ~ 60°C | |
| Storage Temperature | 0°C ~ 35°C | |
| Ingress Protection | IP65 | |
| Dimension (W/D/H) Weight Approximate | 540*385*220mm 39kg | |

| | | |
|--------------------|---------------------|--|
| GB-LBase | Battery module base |  |
| Dimension (W/D/H) | 540*385*100mm | |
| Weight Approximate | 7kg | |

| | | |
|---------------|---|---|
| ECOM Cable2.0 | Standard 2-meter communication cable connected to the external device |  |
| | | |

| | | |
|------------|---|---|
| EPCable2.0 | Standard 2-meter power cable connected to the positive pole of the external PCS |  |
| | | |

| | | |
|------------------|--|--|
| 1000V/6AWG Cable | | |
|------------------|--|--|

| | | |
|------------|---|---|
| ENCable2.0 | Standard 2-meter power cable connected to the negative pole of the external PCS |  |
| | | |

| | | |
|------------------|--|--|
| 1000V/6AWG Cable | | |
|------------------|--|--|