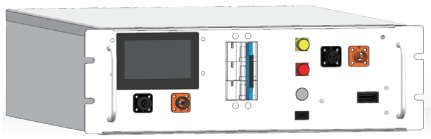
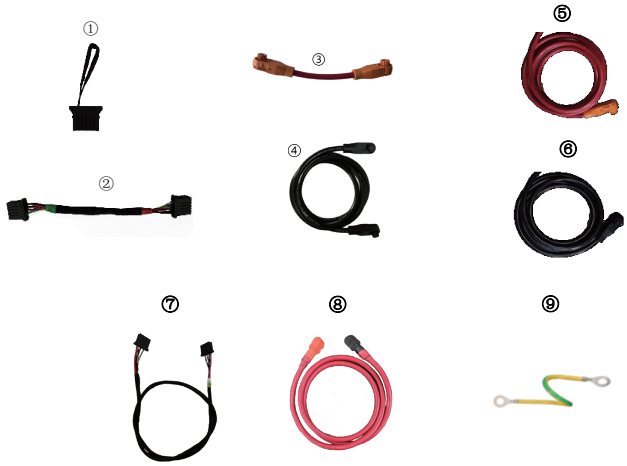
## System Components

| Model | Description |
|---|---|
| BOS-G-PDU-2 | High Voltage Battery cluster control box conforming to European or British Standards |

| | |
|---|---|
| Operating Voltage | 200 ~ 1000Vdc |
| Nominal Charge/Discharge Current | 100A |
| Max.Charge/Discharge Current | 120A |
| DC Input Rating | 12±2%V / 4.15A |
| Operating Temperature Range | -20 ~ 65°C |
| Ingress Protection | IP20 |
| Dimension ( W×D×H ) | 440×570×150mm |
| Weight Approximate | 19kg |

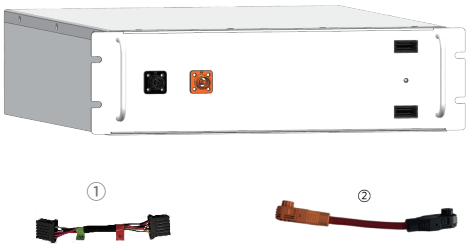


High voltage box Standard configuration:
① 120 ohm terminal resistance
② 250mm communication cable
③ 140mm power cable
④2.1m power cable
⑤EPCable2.0
(Standard 2-meter power cable connected to the positive pole of the external PCS)
⑥ENCable2.0
(Standard 2-meter power cable connected to the negative pole of the external PCS)
⑦1000mm communication cable between two battery racks
⑧1000mm power cable between the two battery racks
⑨140 mm ground wire




| Model | Description |
|---|---|
| BOS-G-Pack5.1 | 5.12 kwh battery module |

| | |
|---|---|
| Battery Type | $LiFePO_4$(LFP) |
| Nominal Voltage | 51.2Vdc |
| Rated Capacity | 100Ah |
| Rated Energy | 5.12kWh |
| Nominal Charge/Discharge Current | 100A |
| Peak.Discharge Current | 120A |
| Charge Temperature | 0 ~ 55°C |
| Discharge Temperature | -20°C ~ 55°C |
| Storage Temperature | 0°C ~ 35°C |
| Ingress Protection | IP20 |
| Dimension ( W×D×H ) | 440×585×133mm |
| Weight Approximate | 46kg |




**Battery module Standard configuration:**
**① 160mm communication cable**
**② 200mm power cable**