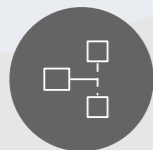# BATTERY PACK (HV)

ABL-T(05-25)H-H02

## KEY FEATURES

- Intelligent redundant protection
- Remote diagnosis & update
- Easy installation and low maintenance
- Reliable LFP technology with high cycle stability
- Flexible Expansion
- passes five-meter drop test, puncture test
- Optional heating module

| Battery System | ABL-T05H-H02 | ABL-T10H-H02 | ABL-T15H-H02 | ABL-T20H-H02 | ABL-T25H-H02 |
|---|---|---|---|---|---|
| BDU code | | | ABL-BDU-H02 | | |
| Battery module code | | | ABL-P05H-H02 | | |
| Number modules | 1 | 2 | 3 | 4 | 5 |
| Nominal Battery Energy | 5.3kWh | 10.6kWh | 15.9kWh | 21.2kWh | 26.5kWh |
| Nominal voltage | 102.4V | 204.8V | 307.2V | 409.6V | 512V |
| Operating voltage range | 86.4V ~ 115.2V | 172.8~230.4V | 259.2~345.6V | 345.6~460.8V | 432~576V |
| Nominal power | 3kW | 6kW | 9kW | 12kW | 15kW |
| Battery module | | | 32S1P, 5.3kWh | | |
| Cell type | | | LiFePO4 | | |
| Max.charge current | | | 32A | | |
| Max.discharge current | | | 32A | | |
| Peak Power | | | 7, Lasts 10s | | |
| Peak Current | | | 35, Lasts 10s | | |
| SOC Indicator | | | 4*LED（25%, 50%, 75%, 100%） | | |
| State Indicator | | | 2*LED（work, alarm） | | |
| Communication | | | RS485/CAN | | |
| Protection | | | | | |
| Integrated DC switch | | | Yes | | |
| Low temperature protection | | | Yes | | |
| Over voltage protection | | | Yes | | |
| Over current protection | | | Yes | | |
| Over temperature protection | | | Yes | | |
| General Data | | | | | |
| Battery pack dimensions (W*H*D)mm | 700*660*200 | 700*950*200 | 700*1300*200 | 700*1650*200 | 700*2000*200 |
| Battery pack N.W. | 59kg | 103.5kg | 148kg | 192.5kg | 237kg |
| Operating temperature range | | | Charge: -20 -50°C; Discharge: -20 -50°C | | |
| Working Altitude（m） | | | 4000 | | |
| Calendar Life | | | >6000（70%EOL） | | |
| Working Humidity（RH） | | | 5 ~ 95% | | |
| Ingress protection | | | IP65 | | |
| Warranty | | | 10 years | | |
| Alarms | | | Over charge / Over discharge/Over current / Over temperature/ Short Circuit | | |

**\*Minimun two battery modules required for startup**