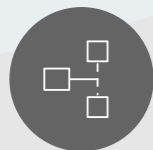


BATTERY PACK (HV)

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 PACK



| 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 |
| Available Energy | 4.5kWh | 9kWh | 13.5kWh | 18kWh | 22.5kWh |
| 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 | | | | | |
| Dimensions (W*H*D)mm | 700*660*200 | 700*950*200 | 700*1300*200 | 700*1650*200 | 700*2000*200 |
| Net Weight(kg) | 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** (Three-phase hybrid inverter)

Note: The specification and key features described in this datasheet may deviate slightly and are not guaranteed. AUXSOL reserves the right to make any adjustment to the information described herein at any time without notice. Please always obtain the latest version of the datasheet, any commercial contracts that may be signed will be based on the most recent version at the moment of signing the contract.