





APP Monitoring (optional)

Real-time monitoring & Remote upgrade available



High Protection Level Indoor & outdoor options



Various Mounting Methods
Wall-mounted
or floor-standing installations



High Safety
LFP & smart BMS



Wide Compatibility

Matching with leading inverters

Technical Specifications

| Model | PowerDepot H5B |
|--------------------------------------|---|
| Battery Type | LiFePO4 |
| Nominal Battery Energy | 5.12 kWh |
| Operating voltage | 44.8 ~ 57.6V |
| Nominal Voltage | 51.2V |
| Nominal Capacity | 100Ah |
| Max. output power | 3.84kW |
| Recomended Charge & Discharge C Rate | 0.5C |
| Recommended Charge/Discharge Current | 50A |
| Recommended Depth of Discharge (DOD) | 90% |
| Net Weight | 55 kg |
| Dimension[W*D*H] | 574*228*600 mm |
| Ambient Temperature Range | -10°C to 50°C |
| Heating Function | Optional |
| Communication | CAN/RS485/RS232 |
| Cycle Life ^[1] | ≥6000 Cycles |
| Protection Level | IP65 |
| Expansion | Up to 5 units in parallel |
| Color | White |
| Alarms | Overcharge/Over-discharge/Overcurrent/Overtemperature/Short Circle |
| Monitoring & Protection | Each system has smart BMS, breaker embedded in system |
| Pros | Can be used in both off-grid and hybrid setups, compact design, floor or wall-mounted |
| Certification & Safety Standard | UN38.3/CE-EMC/IEC62619/IEC62040/IEC60730 /GOST-R/UKCA/CEC Accredited |
| Compatible Inverters | SMA/Victron/Ingeteam/Delios/Goodwe/Solis /Deye/SAJ/Voltronic/Sungrow etc. |

[1] Test conditions: 0.2C Charging& Discharging. @25°C, 90% DOD

Note: This specification only suitable for Australia & New Zealand.



