



Noldor HB-L series

- Capacity extendable to 9.6 kWh
- Wide temperature tolerance -20°C ~ 50°C
- CAN/RS485 communication
- Safe LFP battery cell
- Easy to install with simple connection
- Low maintenance requirement
- Certified product



* All pictures shown are for reference only, actual appearance may vary.



DATASHEET

| Models | HB-L2k4 |
|---|--|
| TECHNICAL DATA | |
| Total energy[kWh] | 2.4 |
| Usable energy[Kwh]* ^① | 2 |
| Battery module | 2.4Kwh (48V50Ah29kg) |
| Number of modules | 1 |
| Battery type | LFP (LiFeP04) |
| Nominal voltage[V] | 48 |
| Operating voltage range[V] | 45~52.5 |
| Constant dis-/charge current[A]* ^② | 50/25 |
| Communication | CAN/RS485 |
| Storage temperature | Within 1 month: -20℃~60℃ ; 1-3months: 0℃~35℃ ; 3-12months: 20℃~25℃ |
| Operating temperature range | Charge:0℃~+45℃ ; Discharge: -20℃~+50℃ |
| Relative humidity[%] | 0~100 |
| Ingress protection rating | IP20 |
| Max.scalable NO.in parallel | 4 |
| Weight[kg] | 29 |
| Dimensions(W*H*D)[mm] | 450*95*640 |
| Mounting method | Wall mounted |
| STANDARD | |
| Safety&EMC | IEC62619, CE,RCM |
| Transport | UN38.3 |

①DOD varies with temperature and other related conditon.

②Nominal dis-/charge current and power derating will occur related to temperature and SOC.

* All specifications are subject to change without notice.

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