| Datasheet | ALP 18.0L-B2 |
|---|---|
| **System data** | |
| Battery type | LiFePO4 |
| Nominal voltage | 51.2V |
| Cell capacity | 345Ah |
| Normal capacity | 17.6kWh |
| Usable capacity | 16.7kWh |
| Operating voltage | 46.4~57.6V |
| Peak. Charge/Discharge current | 240A(@25℃, 3s)/280A(@25℃, 3s) |
| Max. Charge/Discharge current | 160A/200A |
| DOD | 95%DOD |
| **General** | |
| Safety Protection | Built-in aerosol fire extinguisher |
| Heating Film | Yes |
| Dimension (W/H/D) | 470/967/245mm |
| Weight | 119±2kg |
| Installation | Floor-standing |
| Altitude | <2000 m |
| IP Protection | IP65 |
| Operating temperature | Chg/Deg: -20~60℃ |
| Storage temperature① | -20 ~ 55℃ |
| **Features** | |
| Cycle life② | ≥10000（@25℃, 0.5C, 95% DOD.） |
| Cooling | Natural cooling |
| System connection | Max. 48 pcs in paralle |
| Communication port | CAN/RS485 |
| Warranty | 10 years |

① Suggested storage temperature is -10~35℃
② Data based on specific lab conditions

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## More powerful output










## Safe and Reliable




## Smart Management

