

Powerhill Battery Module

PN: ESLP25H04835RCV01B

EAN: 6422956014421

Specifications

Nominal Voltage	48V
Rated Capacity	52Ah
Cell Technology	Prismatic LiFePO4
Energy Stored	2.5 KWh
Charging Cut-off Voltage	53.25 V
Discharge Cut-off Voltage	43.95 V
Max. Current	52A
BMS	Included
Operating Temperature Range	Charge: 0°C~+55°C, Discharge: -20°C~+55°C
Communication	CAN
Storage Environment	-20°C ~ 35°C
Environment	Indoor
Installation	Floor stand
Life Cycle	> 6000 cycles (25°C, 0.5C, 90% DOD)
Cooling	Natural convection
Protection Rating	IP 65
Suggested SOC Range	10%~100%
SOC Accuracy	<8%
Transportation SOC	30%
Capacity Retention	≥95% (25°C, 0.5C, 500 cycle)
Product dimensions	580 x 220 x 202.5mm
Protections	Discharge overcurrent protection Charge overcurrent protection Over voltage protection Over total voltage protection under total Voltage protection Under voltage protection Over temperature protection Under temperature protection Understate of charge protection Cells unbalanced protection



Superior
Efficiency



High
Reliability



Scalability
up to 8 units

- High Voltage Capability
- Scalability up to 8 pcs
- Installation on Floor stand
- Simplified Installation
- Stackable without Cables
- Prismatic LiFePO4 Technology
- Protection IP 65
- Modular Scalability
- Fire suppression module built-in
- Remote Assistance
- Two temperature sensors for each battery module

Logistics

Carton Box Size (LxWxH)	660 x 290 x 260 mm
Pieces in the Carton Box	1
Net & Gross weight / CTN	Net 24.5 kg / Gross 26.5 kg

Certificates

RoHS
2011/65/EU



Safety CB IEC 62619:2022,
CE EN IEC 61000-6-1:2019, EN IEC
61000-6-3:2021, UN38.3, MSDS.

442.31.24.0