DYNESS
ENERGY STORAGE SYSTEM

Dyness B4850

Battery module

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Intelligent · Safe · Modular

- Intelligent
- Safe
- Modular

【Intelligent】
- Each module is equipped with an independent BMS system

【Compact design】
- Weight/Kg 22
- Size/mm 480 * 360 * 90
- Practical pull ear design improves operation convenience

【Safe】
- Safe lithium iron phosphate battery cell
- Compact size ultralight module

【Intelligent management】
- Dyness is equipped with intelligent BMS for each battery pack to manage modules effectively.
- Compared with the traditional module, B4850 can meet the capacity storage and greatly enhance the cycle life.

【Application】
- The Dyness battery B4850 module is widely used in energy storage and electrical products. Household energy storage systems; Centralized power station energy storage system.

SPECIFICATION

Model	B4850
Battery Type	LiFePO4
Nominal Battery Energy	2.4kWh
Nominal Capacity	50Ah
Nominal Voltage	48V
Charging Cut-off vol.	54V
Discharging End-off vol.	40.5V
Recommend C Rate	0.5C
Continuous Max C Rate	1C
Net Weight	22Kg
Dimension [W*D*H]	480*360*90mm
Charging Temp. Range	0 ~ 50°C
Discharging Temp. Range	-20 ~ 50°C
Calendar Life [1]	6000 Cycles
Protection Level	IP20
Communication	CAN / RS485 / DRY CONTACT
Certification & Safety Standard	TUV/CE/EN62619/IEC62040/UN38.3/CEC Accredited
Warranty	5 Years

[1] Test conditions: 0.2C Charging/Discharging, @25°C, 80% Dod

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✉ sales@dyness.net
🌐 www.dyness.net