

# Dyness B4850

## Battery module

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.

Intelligent · Safe · Modular



## 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	1 C
Net Weight	22Kg
Dimension [W*D*H]	480*360*90 mm
Charging Temperature Range	0 ~ 50°C
Discharging Temperature Range	-20 ~ 50°C
Calendar Life <sup>[1]</sup>	6000 Cycles
Protection Level	IP20
Communication	CAN / RS485 / DRY CONTACT
Certification & Safety Standard	TUV / CE / EN62619 / IEC62040 / UN38.3 / CEC Accredited
Warranty	10 Years

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