



Store Energy, Save The Planet



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Dyness Battery

LiFePO4 Energy Storage System



SMART ENERGY
COUNCIL
SOLAR, STORAGE, SMART ENERGY



DYNESSE
ENERGY STORAGE SYSTEM

COMPANY PROFILE

The growing popularity of solar rooftop installation on residential and commercial building is increasing interest in batteries that could store electricity from those installations.

Such battery storage systems could benefit homeowners, by giving them more control over how and when they obtain the power they need, while helping utilities to regulate the peak and frequency by shifting demand to off-peak hours and smoothing out the load on the system.

R&D Center · Xi'an City



About Dyness

Dyness owns the professional team with top class experts in the battery storage industry. All products in our company are produced according to international standards, and passed TUV / CE / EN62619 / UN38.3 / IEC62040 testing issues. We also formed a joint laboratory with Shaanxi Normal University, focusing on power battery research and development.

Our energy storage system stores excess power produced from solar in daytime, it can be used at night to increase greater energy self-sufficiency and security, or used at peak time to reduce household electric charges. Our battery is suitable for existing solar PV systems, also easy to be installed with new solar systems.

We, Dyness devote ourselves to responsible engineering of the safest, greenest possible future for you and your family. We have launched our latest Battery Energy Storage System (BESS) Powerbox to Australia, South-America, Africa, Europe with moderate price and top class quality.

Let's start using the sunshine by schedule!



DYNESSE
ENERGY STORAGE SYSTEM

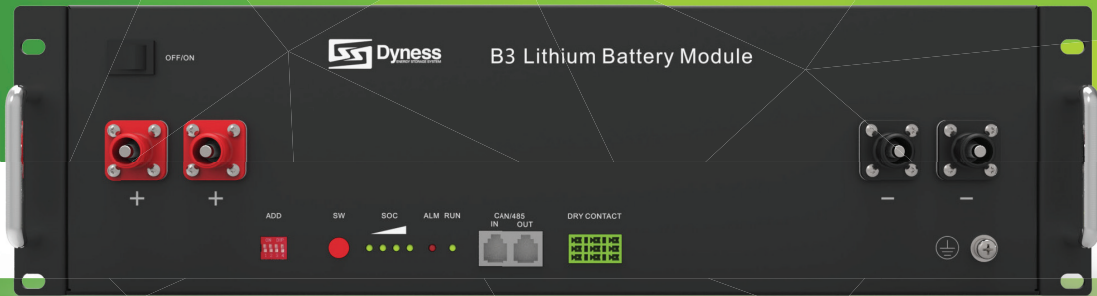


B3



Features and advantages

- LiFePO4 battery, Safe, Longer life span
- Modular design, Easy to stack, Quick installation
- Larger energy capacity
- Natural cooling with optional heat/fan configuration
- Wide temperature range of -20~50 °C



SPECIFICATION

Model	B3
Nominal Energy	3.6kWh
Nominal Capacity	75Ah
Nominal Voltage	48V
Max. Continuous Discharge Current	50A
Max. Continuous Charge Current	50A
Charging Cut-Off Vol.	54V
Discharging End-Off Vol.	40.5V
Net Weight	30Kg
Dimension[W*D*H]	400*360*133.5mm
Protection Level	IP20
Calendar Life ^[1]	6000 Cycles
Charging Temperature Range	0~50 °C
Discharging Temperature Range	-20~50 °C
Communication	CAN / RS485
Configuration	40 modules parallel at most
Recommend C Rate	0.5C
Warranty	10 years

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