



B3

ENERGY STORAGE SOLUTIONS

Dyness B3 with high safety LFP, 19" inch design energy storage module, it's easy installation and maintenance build in intelligent BMS protection system. Modular design can flexible expansion.

Features and advantages



Modular Design
Flexible expansion



19" inch
Easy installation & maintenance



High Safety LFP
Cell level monitoring and balancing



Wide Compatibility
Matching with leading inverter brands

Technical Parameters

Model	B3
Battery Type	LiFePO4
Nominal Battery Energy	3.6kWh
Nominal Capacity	75Ah
Nominal Voltage	48V
Charging Cut-off vol.	54V
Discharging End-of vol.	42V
Recommend C Rate	0.5C
Recommended Charge/Discharge Current	37.5A
Max. Power Charge/Discharge Current	45A
Peak Power Charge/Discharge Current	55A (1s)
Net Weight	30kg
Dimension[W*D*H]	480*360*130mm
Charging Temp. Range	0-50°C
Discharging Temp. Range	-20-50°C
Communication	CAN / RS485
Warranty	10 Years
Warranty Document Supplied	Yes
Calendar Life ^[1]	>6000 Cycles
Protection Level	IP20
Scalability	Up to 40 units in parallel
Pros	Can be used in both off-grid and hybrid setups, compact design
Compatible Inverters	Victron/SMA/Goodwe/ Imeon /Solis/SAJ / Growatt/Luxpower/Voltronic/Deye etc.
Certification & Safety Standard	TUV/CE/IEC62619/IEC62040/UN38.3

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