



A48100

ENERGY STORAGE SOLUTIONS

Safe and Reliable · Higher Efficiency · Floor and Wall Mount · Flexible Size
Dynergy A48100 adopt economic design, is tailor made for residential and light commercial.

Features and advantages



Expandable

Up to 40 units in parallel



Larger capacity base

4.8kWh per unit



Wide temperature

Range of -20~50°C



High Safety

Cell level monitoring and balancing



Various Installation Options

Floor-standing, wall-mounted and stack



Wide Compatibility

Matching leading inverter brands

Technical Parameters

Model	A48100
Battery Type	LiFePO4
Nominal Battery Energy	4.8 kWh
Battery Capacity	100 Ah
Nominal Voltage	48 V
Charging Cut-off vol.	54V
Discharging End-of vol.	42V
Recommended C Rate	0.5C
Recommended Charge/Discharge Current	50A
Max.Charge/Discharge Current	75A
Peak Power Charge/Discharge Current	100A(15s)
Net Weight	45kg
Dimension[W*D*H]	504*597*155mm
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	CE/UN38.3

[1]Test conditions:0.1C Charging/Discharging,@25°C,80% DOD