

B25100

DYNES B25100 is a good alternative for lead acid battery and a perfect match for off-grid applications in areas with limited or no grid access. It is scalable from 2.56 - 40.96 kWh (up to 16 batteries in parallel), offering you sufficient capacity to meet different requirements.



Lead-acid battery alternative
Superior performance
with longer lifespan



Module Design
Flexible expansion



Easy Installation
Stackable with flexible brackets



High Safety LFP
Cell level monitoring and balancing



Wide Compatibility
Matching with leading inverters

Technical Specifications

Model	B25100
Battery Type	LiFePO4
Nominal Battery Energy	2.56kWh
Nominal Capacity	100Ah
Nominal Voltage	25.6V
Operating Voltage	22.4 ~ 29.2V
Recomended Charge & Discharge C Rate	0.5C
Recommended Charge/Discharge Current	50A
Max Continous Charge/Discharge Current	75A
Peak Power Charge/Discharge Current	100A (15s)
Depth of Discharge (DOD)	90%
Net Weight	21.7kg
Dimension [W*D*H]	481*360*130mm
Charging Temp. Range	0~55°C
Discharging Temp. Range	-20~55°C
Communication	CAN/RS485
Cycle Life ^[1]	≥6000 Cycles
Protection Level	IP20
Expansion	Up to 16 units in parallel
Pros	Can be used as backup power for off-grid as well as lead-acid alternative
Certification & Safety Standard	UN38.3/CE-EMC
Compatible inverters	Steca/MUST/Victron/Sorotec/Growatt

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