

DL3.6

DYNESS DL3.6 is low-voltage energy storage product which adopts high safety LFP technology. With 3.6 kWh each, it can support up to 180 kWh with 50 modules connected in parallel. It also supports remote update & easy monitoring. Meet this efficient product with perfect performance.



APP Monitoring (optional)
Real-time monitoring
& Remote upgrade available



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	DL3.6
Battery Type	LiFePO4
Nominal Battery Energy	3.6 kWh
Nominal Capacity	75Ah
Nominal Voltage	48V
Operating Voltage	42 ~ 54.75V
Recommended C Rate	0.5C
Recommended Charge/Discharge Current	37.5A
Max. Power Charge/Discharge Current	75A
Peak Power Charge/Discharge Current	100A (15s)
Depth of Discharge (DOD)	90%
Net Weight	32.5 kg
Dimension[W*D*H]	480*405*132 mm
Charging Temp. Range	0~55°C
Discharging Temp. Range	-20~55°C
Communication	CAN/RS485/RS232
Cycle Life ^[1]	≥6000 Cycles
Protection Level	IP20
Expansion	Up to 50 units in parallel
Pros	Can be used in both off-grid and hybrid setups, compact design
Certification & Safety Standard	UN38.3/CE-EMC/IEC62619
Compatible Inverters	SMA/Victron/Ingeteam/Delios/Goodwe/Solis/Deye /SAJ/Voltronic/Sungrow etc.

[1]Test conditions: 0.2C Charging/Discharging, @25°C, 90% DOD