DL2.5

-25.6V 100Ah

Dyness DL2.5 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 2.56kWh to 40.96kWh (up to 16 units in parallel), offering you sufficient capacity to meet different requirements.



- Small size
- Easy to install
- Support 1.3c discharge

- Support can and 485 communication
- WIFI function (Optional)
- High cycle times

Technical Parameters

Module Name	DL2.5
Cell Technology	Li-ion (LFP)
Battery Module Capacity (kWh)	2.56
Battery Module Voltage (Vdc)	25.6
Battery Module Capacity (Ah)	100
Battery Module Cell Quantity (pcs)	8
Battery Cell Capacity (Wh)	320
Battery Cell Voltage (Vdc)	3.2
Battery Cell Capacity (Ah)	100
Battery Module Cell Quantity in Series (pcs)	8
Battery Module Charge Voltage (Vdc)	28.5
Battery Discharge Current (A)	50 (recommended) / 130 (max 30min)
Battery Charge Current (A)	50(recommended) / 75(max 40min)
Depth of Discharge (DOD)	90%
Dimension(W*D*H, mm)	481*221*133mm
Communication	CAN/RS485/Wifi (Optional)
Pollution Degree (PD)	II
IP Grade	IP20
Weight(kg)	23
Working temperature	Charging 0℃~+55℃ / Discharging -20℃~+55℃
Humidity	5%~85% RH (No condensation, system work well.)
Storage temperature	-10℃~+35℃