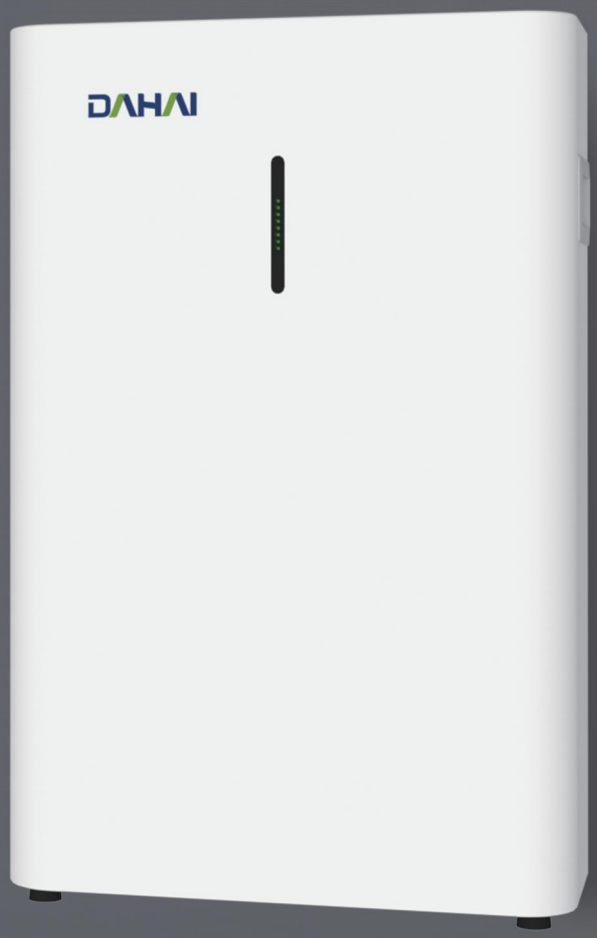
The ***DHLV-LFP-5000*** is a deep-cycle battery that combines enhanced safety, a long service life, and user-friendly features. With a capacity of 5 kWh per unit and support for parallel connection of up to six units, it delivers high performance and a cost-effective energy storage solution.



Safety

- LiFePO4 safe battery chemistry
- Smart built-in BMS and comprehensive hardware protection

Smart Management

- Dynamic SOC calibration
- Real-time monitoring, remote control and update

Expandability

- Support up to 6 packs in parallel connection

Certifications

CE-EMC/CE-RED/IEC62619/UN38.3/MSDS

Compatibility

- Compatible with most mainstream inverters
- Wall mounting that saves installation space

Technical specification:

Model		DHLV-LFP-5000
Total Energy		5.22kWh
Usable Energy*		4.96kWh
Voltage Range		44.8~57.6V
Rated capacity		102Ah
Nominal Voltage		51.2V
Max. charging voltage		57.6V
Nominal Charging Current		50A
Max. continuous charging current		50A
Nominal Discharge Current		80A
Max. continuous discharging current		80A
DOD		95%
Communication Interface		CAN/RS485/WiFi
Max parallel quantity		6
Dimension(L*W*H)		(420±2)*(161±2)*(640±2)(mm)
Net Weight		(45±1) (kg)
Operating Condition		Indoor
Storage Temperature Range		When the storage time is less than 3 months, it is recommended to store at a temperature of 0-45 ℃, ≤ 90% RH, and an SOC range of 20%-50% SOC.
		When the storage time is more than 3 months, it is recommended to store at a temperature of 15-30 ℃, ≤ 90% RH, and an SOC range of 20%-50% SOC.
		When the storage time exceeds 6 months, it is necessary to adjust the SOC of the battery cell to 20- 50% SOC, ≤ 90% RH, and the recommended storage temperature is 5-25 ℃
		High SOC (>50% SOC) storage is not allowed during storage, and full charge storage is prohibited.
Operating Temperature	Charging	0~55 ℃
	Discharging	-15~55 ℃
Humidity		15%~85%(RH) (No Condensation)
Cooling Type		Natural
IP Rating of Enclosure		IP20
Configuration		16S
Class of Protection		Class I
Installation Method		Wall-mounted/Floor-standing
Supply Connection		Fixed power cord
Authentication Level		UN38.3/CE -EMC/CE-RED/CB-IEC62619

*Testing conditions based on temperature 25℃ at the beginning of life. Total Energy/Usable Energy are measured with a standard test method: 0.2C Charge and Discharge. As per the characteristics of lithium batteries, such parameters as the charge/ discharge current and efficiency listed above are subject to change. The final right of interpretation is reserved by Dahai Solar.