

# DKL

## Vertical Energy Storage Lithium Battery



Thin mode



More power



Communication



OEM/ODM



Household energy storage products use high-quality square aluminum shell lithium iron phosphate cells, with intelligent battery management system(BMS), Long cycle life, High safety performance, Beautiful appearance, Free combination, and convenient installation.

The battery pack is equipped with LCD display for visualization of operating data. Compatible with most brands solar inverter and be able to communicate with it. It is widely used in distributed PV systems and home energy storage systems. Provide efficient and clean energy for household, industrial, commercial, agricultural and other electrical equipment.

### Technical Parameters

Model	DKL48100	
Specification	48V200Ah	51.2V200Ah
Combination	15S1P	16S1P
Capacity	9.6KWh	10.24KWh
Standard discharge current	50A	50A
Max. discharge current	100A	100A
Working voltage range	40.5-54VDC	43.2-57.6VDC
Standard Voltage	48VDC	51.2VDC
Max. charging current	100A	100A
Max. charging voltage	54V	57.6V
Cycle	3000~6000cycles @DOD 80%/25°C/0.5C	
Working humidity	65±20%RH	
Operating temperature	-10~+50°C	
Working altitude	≤2500m	
Cooling method	Natural cooling	
Installation	Stack installation	
Protection level	IP20	
Max of parallel	15PCS	
Warranty	5~10 Years	
Communication	Default: RS485/RS232/CAN Optional: WiFi/4G/Bluetooth	
Certified	CE ROHS FCC UN38.3 MSDS	
Product Size	990*550*245mm	
Package Size	1010*570*365mm	
Net weight	90kg	92kg
Gross weight	112kg	115kg

\*Voltage, capacity, size/color customization, OEM/ODM services can be provided according to customer needs



LOW VOLTAGE  
PROTECTION



OVER VOLTAGE  
PROTECTION



OVER CURRENT  
PROTECTION



OVER TEMPERATURE  
PROTECTION



BALANCED  
PROTECTION



OVER DISCHARGE  
PROTECTION



SHORT CIRCUIT  
PROTECTION