Build a Green Home and Reduce Your Electric Bill

Enjoy energy savings and a greener home with L02. By using solar panels and an PV inverter incombination with L02, you can generate your own clean, renewable energy and reduce your reliance on your electric company. During the day, the solar panels will generate electricity for your home appliances, with any excess electricity stored in L02.

At night, L02 Home Battery will provide electricity to your home appliances, giving you a reliable sourceof energy. With its 5.38kwh capacity and the ability to connect up to 8 L02 in parallel to expand thecapacity, you can have peace of mind at night.

Technical Parameters

Battery Type	Li-ion(LFP)			
Nominal Voltage [V]	51.2	51.2	51.2	51.2
Operating Voltage [V]	44.8-57.6	44.8-57.6	44.8-57.6	44.8-57.6
Battery Module Qty in parallel (Optional)	1	2	3	4
Rated Capacity [Ah]	100	100	100	100
Total Energy [kWh]	5.12	10.24	15.36	20.48
Usable Energy [kWh]	4.61	9.22	13.82	18.43
Nominal Charge/Discharge Current[A]	50/50	100/100	150/150	200/200
Max Charge/Discharge Current [A]	95/95	190/190 (Not reommended to continuously use)	285/285	380/380
Cycle Life*	6000, 25℃ (Test conditions, at 25℃, charge/discharge rate is 0.2C, 80%DOD)			
Depth of Discharge	90%			
Warranty*	10 years			

Operating Temperature	Charge: 0℃~55℃ / Discharge: -20℃~55℃
Humidity [%]	5% to 90%, (no condensing)
Altitude	Below 2000m
Safety Protection Device	software/hardware protection、fuse、fire extinguisher
Ingress Protection	IP65
Battery to Inverter	CAN2.0
Battery to Battery	RS485
Inverter Selection	DIP switch
State	LED*1(white and red)
SOC	LED*4
Parallel	≤8
Certification & Safety Standard	TUV/CE/IEC/UN38.3
EMC	EN IEC 61000-6-1:2019, EN IEC 61000-6-3:2021
Unit Dimensions(W*H*D) [mm]	370*600*225
Unit Weight [kg]	52
Included Accessories	Wall-mounting Bracket, Length: 550mm RJ45 Plug

* 5 years product warranty, 10 years performance warranty

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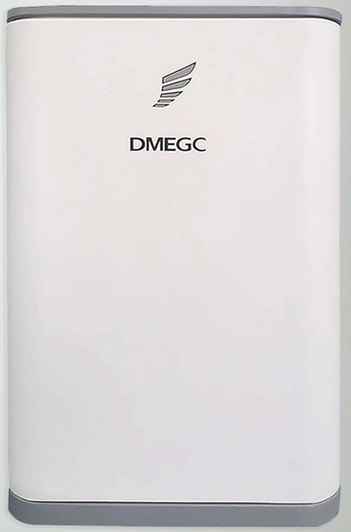
L02 Home Battery

- 2 mounting methods, perfectly fit into your home
- 2 meters drop resistance, stable and reliable
- Easy setup, reduce installation cost to 1/5
- IP65 graded, suitable for various use environments
- Multiple layers of protection, safety is under control
- Remote status monitor



Cost Savings with the Simple and Beautiful Setup

Installing a home battery doesn't have to be complicated or expensive. L02 is designed for fast and easy installation with no special tools required. In just a few simple steps, you can have a setup that will save you money on installation costs and give you a beautiful end result. Mount L02 on the wall with the wall bracket or on the floor; connect the battery and inverter; and rotate the DIP switch to the corresponding number of the inverter. In no time you'll be enjoying the power of your L02 home battery system.

Mount

Connect

Rotate

Sleek Design for Easy Home Integration

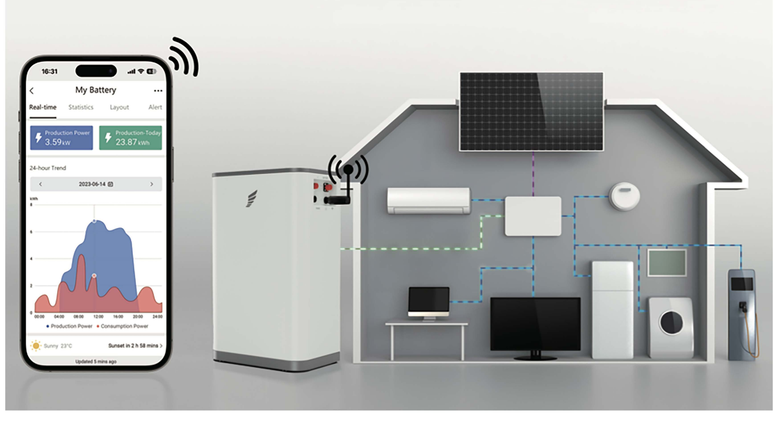
L02 offers an elegant design that fits in seamlessly with your home decor. With its white and gray body and five LED lights that form the shape of wings, L02 adds a stylish and functional accent to any room. And, with its four arcs that are the same across all DMEGC home batteries, you can enjoy a unified, harmonious look.

Get Flexible Installation with L02

L02 is designed for easy and flexible installation. This highly efficient and reliable home battery can be installed either on the wall or simply placed on the floor, providing you with the convenience and flexibility to find the best spot for your home.

Get Easy Control and Convenience with the Remote Control System

Users can choose to add a wifi monitor (optional) for added convenience and control. This remote control svstem allows users to monitor the battery via an app, making it easy to track power consumption and production, battery status, and software upgrades. With the Remote Control System, users can easily manage their battery and enjoy better after-sale service from DMEGC.

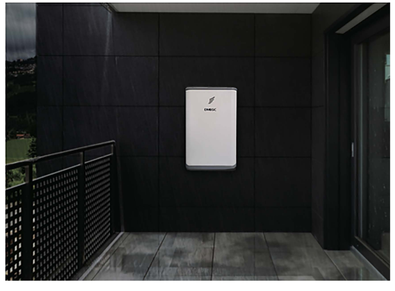


Maximum Safety with the Comprehensive Protection

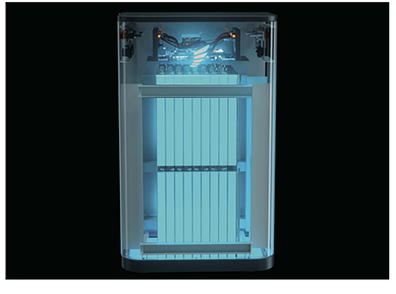
This system is designed with multi-layer protection to ensure a safe and reliable energy source. BMS(Battery Management System) is at all times taking care of your safety, protecting your device from every potential risk. While the smart software monitors the battery status and sends instructions to notify the relay to power off if necessary. Additionally, the fuse provide further protection, and the built-in fire extin-guisher (optional) provides an extra

Durable Protection in All Conditions

L02 is designed for maximum durability and protection. Its IP65 protection and two-me-ter drop resistance make it a reliable and resilient energy source, even in the toughest conditions. With this battery.you can enjoy peace of mind knowing that your power source is safe and secure. L02 is the perfect solution for anyone looking for a dependable power source that can with-stand the elements.



6000+ Life Cycles with High-Quality LiFePO4 Cells



Enjoy reliable, long-lasting power with the L02 Powered by high-quality LiFePO4 cells and an advanced SOC and SOH algo-rithm, L02 provides over 6000 life cycles of dependable power, so you can count on it when you need it most. Get the energy you need with a battery you can trust.