Customizable Home Battery Capacity from 5kWh to 40kWh

L01 offers the ultimate in customizable energy storage. Choose from 1-8 batteries to customize your capacity from 5kWh to 40kWh. With L01 , you can easily meet all your energy needs, no matter how large or small.

Reduce Your Electric Bill with Home Green Energy Systems

Save money on your electricity bill with a home green energy system powered by L01. By using solar panels and an PV inverter in combination with L01, you can generate your own clean, renewable energ and reduce vour reliance on your electric company. And with electric costs on the rise, now is the time to make the switch to a greener, more cost-effective home energy system.

Technical Parameters

Battery Type	Li-ion(LFP)
Nominal Voltage [V]	51.2
Operating Voltage [V]	44.8-57.6
Rated Capacity [Ah]	100
Total Energy [kWh]	5.12
Usable Energy [kWh]	4.61
Nominal Charge/Discharge Current[A]	50/50
Max Charge/Discharge Current [A]	95/95 (Not recommended to use continuously)
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
Ingress Protection	IP20
Battery to Inverter	CAN2.0
Battery to Battery	RS485
Inverter Selection	Upper computer
SOC	LED*6
Parallel*	≤8(Refer to inverter wiring diagram)
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]	440*133.5*500(3U)
Unit Weight [kg]	45

* 5 years product warranty, 10 years performance warranty

DMEGC

www.dmegc-ess.com
DMEGC-ESS
info-ess@dmegc.com.cn
DMEGC-ESS
DMEGC-ESS
+86 188 6990 4756

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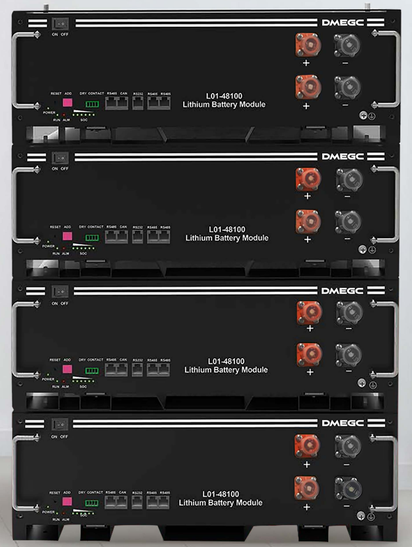
L01 Home Battery

- 5-40 kwh, free to choose
- Easy set up, reduce installation cost to 1/5
- Smart module balancing, expand lifespan to 6000+ cycles
- 3 layers of protection, safety is under control



Cost Savings with the Simple and Beautiful Setup

Installing a home battery doesn't have to be complicated or expensive.L01 is designed for fast and easy installation with no special tools required. In just a few simple steps, you can finish the setup and save installation costs. Mount L01 on the floor with simple bracket or on the wall with wall bracket; connect the battery and inverter; and select the corresponding protocol for the inverter. In no time you'll be enjoying the power of your L01 home battery system.

Mount

Connect

Select

Get Flexible Installation with L01

L01 is designed for easy and flexible installation. This highly efficient and reliable home battery canbe installed either on the wall or on the floor, provided you with the convenience and flexibility to findthe best spot for your home.

Maximum Safety with the Comprehensive Protetion

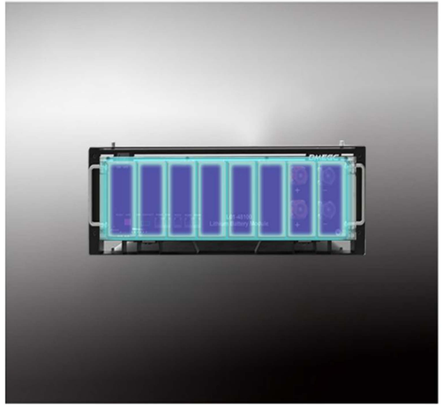
The system is designed with multi-layer protection to ensure a safe and reliable energy source. BMS(Battery Management System) is at all times, protecting your device from every potential risk.The smart software monitors the battery status and sends instructions to notify the BMS to powe roff if necessary.Additionally, the fuse provides further protection.

Sleek Design for Easy Home Integration

L01 offers an elegant design that fits in seamlessly with your home decor. With its black body, L01 shows its unique metallic texture. You can enjoy a unified, harmonious look.

Durable Protection in All Conditions

L01 is designed for maximum durability and protection. With this battery, you can enjoy peace of mind knowing that your power source is safe and secure. L01 is the perfect solution for anyone looking for a dependable power source that can withstand the elements.

6000+ Life Cycles with High-Quality LiFePO4 Cells

Enjoy reliable, long-lasting powering with the L01. Powered by high-quality LiFePO4 Cells and an advanced SOC and SOH algorithm, L01 provides over 6000 life cycles of dependable power. Get the energy you need with a battery you can trust.