



Durable Lithium Battery use CSSUN

LPSS Series LiFePO4 Battery

Lithium Iron phosphate Slim Stackable Battery

Brief Introduction



LPSS Series Slim stackable brick lithium battery is a high-tech solution for energy storage. With its unique stackable design, this battery is flexible enough to fit a wide range of energy requirements. Built from the highest quality lithium iron phosphate (LiFePO4) chemistry, this battery is both safe and durable, with an extended lifespan of ten years. Furthermore, its robust construction ensures top performance, even in extreme climates. Use this battery as an ultra-safe backup power source for various applications, including residential energy storage, off-grid energy systems, and renewable energy systems. Experience seamless energy storage with our stacked lithium battery technology.

Applications

Solar Energy/Off-Grid Solar System

BTS Stations, Telecom System, BT Tower

Access network system

UPS System, EPS System

Terminal of FTTX

General features

Able to operate at -20~60°C

≥ 6000 times Cycles

Easy installation, wall-mounted

Long life high stability under high-temp. environment (no cooling needed)



Complied Standards

IEC62619	RoHS/Reach
PSE/UL	GB/T19638
CB/CE	ISO9001



LiFePO4 Advantage

- **Slim Stackable Brick Design:** Our stacked lithium battery features a unique stackable design that allows for easy expansion, making it highly adaptable to different energy requirements.
- **Safe and Durable:** Built from the top-quality lithium iron phosphate chemistry, our stacked lithium battery boasts superior safety and durability, with a lifespan of up to ten years.
- **High-Performance:** With its robust construction, our stacked lithium battery delivers exceptional performance, even in the harshest environmental conditions.
- **Ideal for Multiple Applications:** Whether you need a reliable backup power source for your home or business, an off-grid energy solution for your RV or marine vessel, or a high-capacity battery bank for a renewable energy system, stacked lithium battery is the perfect solution.
- **Scalable Solution:** Since our stacked lithium battery is easily expandable, it offers a highly scalable solution for energy storage that can grow alongside your energy needs, ensuring a long-lasting and cost-effective investment.

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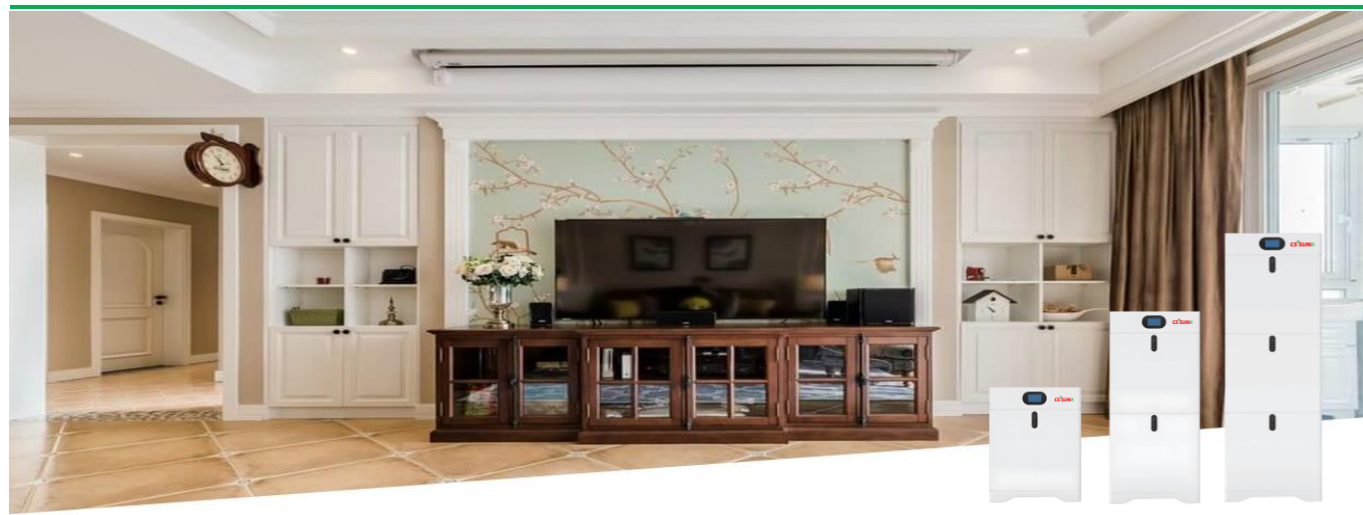
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LPSB Series LiFePO4 Battery

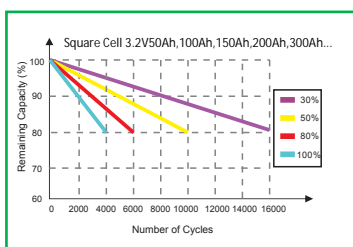
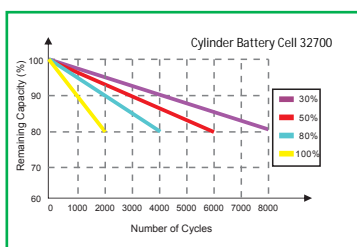
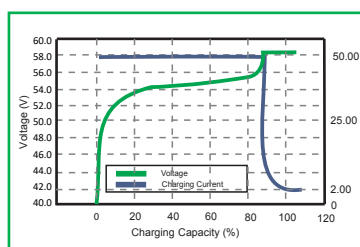
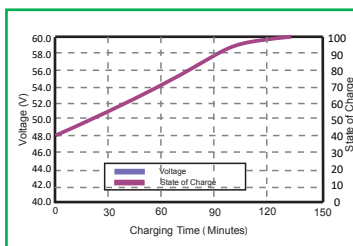
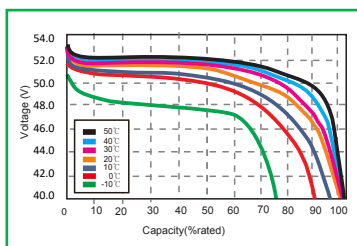
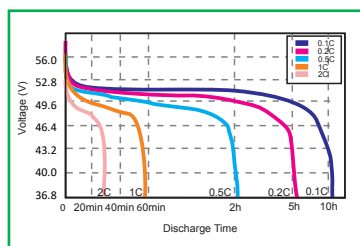
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📅 LPSB Series LifePO4 Battery Items specifications

Model	LPS548V100 (5KWh)	LPS548V200 (10KWH)	LPS548V300 (15KWH)
Nominal Voltage	51.2V	51.2V	51.2V
Rated Capacity	100Ah	200Ah	300Ah
Charge Cut-Off Voltage	58.0V	58.0V	58.0V
Discharge End Voltage	42.0V	42.0V	42.0V
Communication Mode	RS485/CAN	RS485/CAN	RS485/CAN
Dimension(mm)	430*230*570mm	430*230*980mm	430*230*1390mm
Weight (kgs)	53kgs(about)	100kgs(about)	148kgs(about)



📅 Performance Characteristics



Notice: Voltage Based on 16S 3.2 Cell 51.2V

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