

All-In-One ESS (Battery Pack + Inverter)

LPSSHONE Series HV

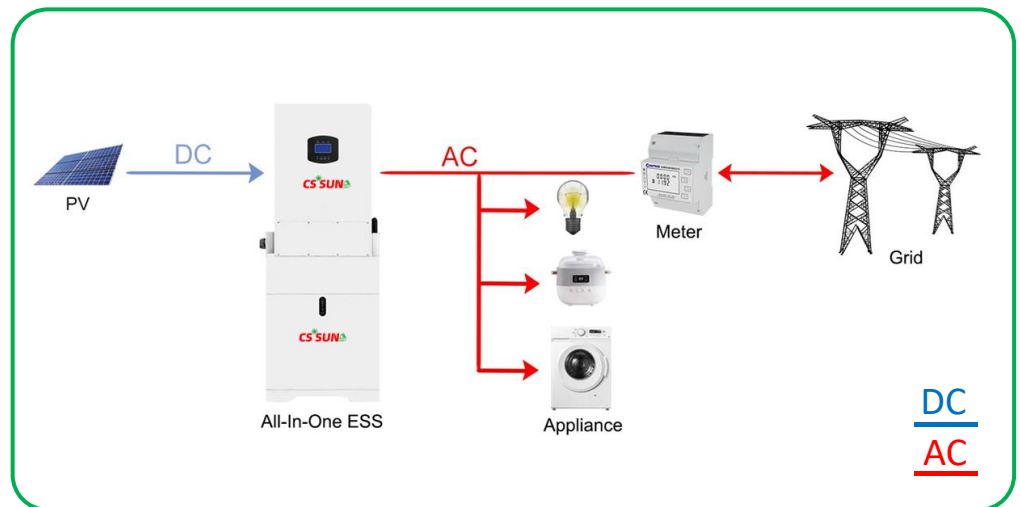


LiFePO4 Batteries + Smart Inverter

CSSUN's LPSSHONE Series slim stackable brick battery + inverter all in one ess is experience seamless power management with our innovative all-in-one stackable portable lithium battery and inverter. Designed for versatility and efficiency, it offers robust energy storage with the flexibility of easy expansion. Ideal for both residential and commercial applications, this compact unit ensures reliable power supply and quick installation. Whether for backup power or off-grid use, enjoy uninterrupted energy flow and optimal performance with our cutting-edge solution.

Product Features

- **Slim Modular Design:** Easily stackable for customizable power capacity, allowing users to scale up as needed without additional infrastructure.
- **High Efficiency:** Integrates advanced lithium battery technology with a built-in inverter for optimal energy conversion and minimal loss.
- **High-Performance Inverter:** Provides seamless power conversion with low harmonic distortion, ensuring stable and reliable energy output for sensitive devices. UPS function. Hybrid or off-grid.
- **Portability:** Lightweight and compact design ensures easy transportation and installation, perfect for both temporary and permanent setups.
- **Versatile Applications:** Suitable for a wide range of uses, from residential backup power to off-grid living and commercial energy storage solutions.



Applications

- Home Power System
- Solar/wind energy storage system
- UPS, backup power
- Telecommunication
- Medical equipment
- Shop Power System



BMS of LiFePO4 Battery

- Overcharge detection function
- Over discharge detection function
- Over current detection function
- Short circuit detection function
- High Temperature protection
- Low Temperature protection
- Cell Voltage Balance function

Standards

- IEC62619
- MSDS, UN38.3
- DG Packing Certification
- Passed ISO9001, ISO4001
- CE, CEI 0-21, PSE
- UL and Golden Sun Certification
- Global Insurance

Main Parameters Table

Model	LPSHONE 10KWH+5KW	LPSBHONE 15KWH+5KW	LPSHONE 20KWH+5KW
Nominal Voltage	204V	307V	409V
Rated Capacity	50Ah	50Ah	50Ah
Charge Cut-Off Voltage	232V	350V	466V
Discharge End Voltage	169V	255V	339V
Power Storage	10KWH	15KWH	20KWH
Inverter Power Rate	5KW	5KW	5KW
MPPT Voltage Range	120~430Vdc	120~430Vdc	120~430Vdc
Waterproof	IP65/IP21	IP65/IP21	IP65/IP21
Communication	RS485/CAN	RS485/CAN	RS485/CAN
Dimension (mm)	430*230*1491mm	430*230*1850mm	430*230*2210mm
Weight (kgs)	115kgs	160kgs	205kgs



- Plug and Play
- Slim Fashion Design
- Long Cycle Life
- Integrate off-grid or hybrid inverter
- Support WiFi
- Support IP65 All-In-One design