

www.lishenpower.com

ORIGO Batteries

**LISHEN**

Weifang Lishen Power Battery System Co., Ltd.  
No. 286, 2nd Street, Free Trade Zone,  
Weifang City, Shandong Province  
www.lishenpower.com  
E-mail: info@lishenpower.com



Lithium Ion Battery  
Power Solution

for Solar Residential Energy Storage

ENERGY BATTERY

## Residential HESS+

The HESS + battery system series is an intelligent energy storage solution that is safe, long-lasting and offers to 5-20+kWh of battery capacity. The sleek design combines smart energy management software with the safest and longest lasting batteries to efficiently manage home energy. It is comprised of basic Battery units, and can be scalable as needed. Installers can quickly design the right system size to meet the needs of both new and retrofit solar customers.

### Reliable

- Proven high reliability LISHEN Series inverters
- limited warranty
- Independent Battery base units
- Cooling (fans)

### Smart

- Grid-forming capability for backup operation
- Remote software and firmware upgrade
- Mobile app-based monitoring and control

### Simple

- Fully integrated AC battery system
- Quick and easy plug-and-play installation
- Interconnects with standard household AC wiring

### Safe

- Cells safety tested
- Lithium iron phosphate (LFP) chemistry for maximum safety and longevity

### Convenient

- Usage throughout the day, store excess solar power for use at night and provide reliable backup power during power outages

## Data Sheet

### HESS+ V40R



MODEL NUMBER	HESS+ V40R
Dimensions W/H/D	460x1200x630mm
Max. Weight	366Kg
Total Energy	10-40KWh
Nominal Power Rating	5/10KW
Nominal DC Voltage	100AH
Cell Chemistry	LiFePO4
Cooling	Natural and passive
Altitude	Up to 2,500 meters (8,200 feet)
Mounting	Floor standing and wall mounted
Current Rate	1.0C
Battery Modules	2-8
Ambient Operating Temperature Range	Discharge: -35°C to 65°C (-31°F to 149°F ) Charge: 0°C to 65°C (32°F to 149°F )
Inverter	Internal integrated
Enclosure rating	Enclosure rating IP54

We reserve the right to make technical changes. The values, outputs, other technical data, images, and diagrams in this prospectus and in data sheets, advertisements, and other promotional documents are approximate guidelines in all cases where they have not been identified as binding. 1 Maximum round trip efficiency shown is calculated using the single cycle round trip efficiency (SCRTE) formula used by SGIP admin. 2 Please observe our applicable warranty conditions.