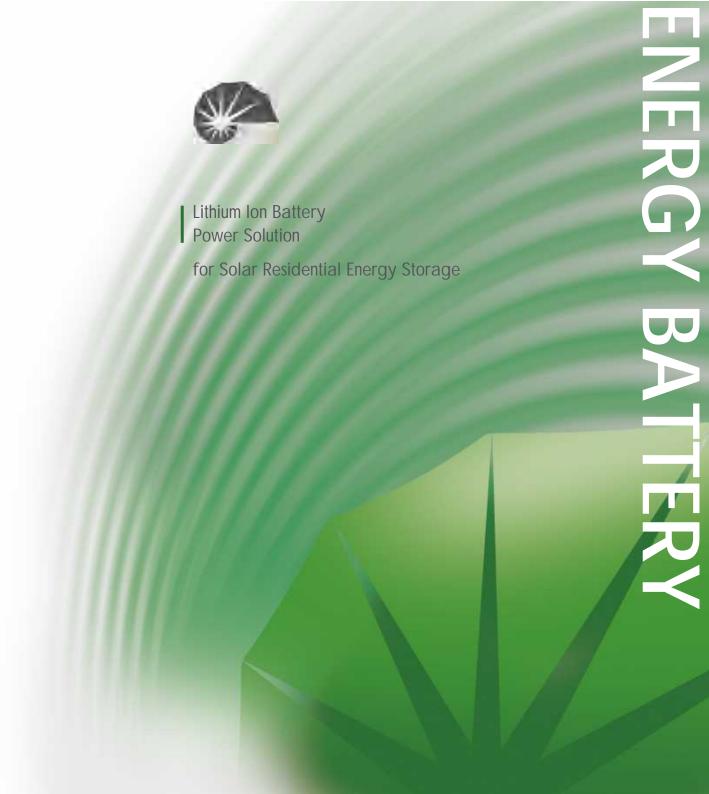
# LISMEN

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# 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 HV15C384C40



| MODEL NUMBER                                    | HESS HV15C384C40                                 |
|---|--|
| Dimensions W/H/D                                | 660 x 1550 x 300mm                               |
| Weight (approximate)                            | 151Kg  |
| Usable capacity                                 | 13.8kWh  |
| Inverter efficiency                             | 94.5% peak                                       |
| Max round-trip efficiency                       | 85.8%  |
| Nominal power rating (Grid-tied output at 40°C) | 7kW  |
| Cooling   | Passive  |
| Altitude  | Up to 2,500 meters (8,200 feet)                  |
| Mounting  | Standing   |
| Battery modules                                 | 5  |
| Total energy                                    | 15.3kWh  |
| Nominal DC voltage                              | 384VDC   |
| DC battery input voltage                        | 336-408VDC                                       |
| Max charge current                              | 20A  |
| Cell chemistry                                  | 15.3kWh with 100% DoD                            |
| Ambient operating temperature range             | -15°C to 55°C (5°F to 131°F)                     |
| Optimum operating temperature range             | 5°C to 30°C (41°F to 86°F)                       |
| Certifications                                  | UL1973, UN38.3                                   |
| Grid Connections                                | IEEE 1547, IEEE 2030.5, Rule 21                  |
| Warranty  | 10,000 cycle system warranty –includes inverter, |
|   | battery modules, cabinet and component           |
| 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.