ACETECH

# RESS
# ENERGUARD

## RESIDENTIAL ENERGY STORAGE BATTERY (RACK-MOUNTED TYPE)

POWER

**Compact Size and Easy Installation**

The module design enables quick installation

**Expandable at Need**

EnerGuard units can be combined to increase energy capacity

**High Energy Density**

The compact structure achieves marketing-leading energy density

**Industry-leading Warranty**

EnerGuard is covered by an industry-leading 10-year warranty

**Systematic Safety Design & Technologies**

Multi-stage protection design enhances the safe storage; meets the standards of international safety certifications

**Environmentally Friendly**

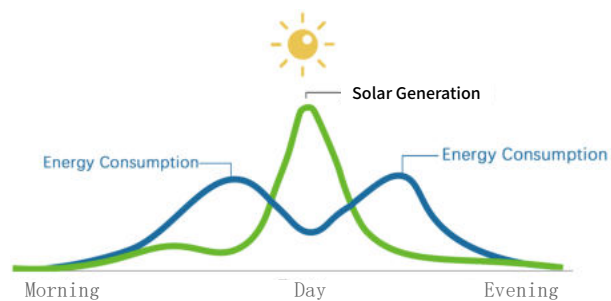EnerGuard is cobalt-free and more environmentally sustainable

**High Reliability**

EnerGuard's LFP-based battery with a long service life, high charge and discharge rate, and high energy transfer efficiency delivers high reliability, stability, durability and performance
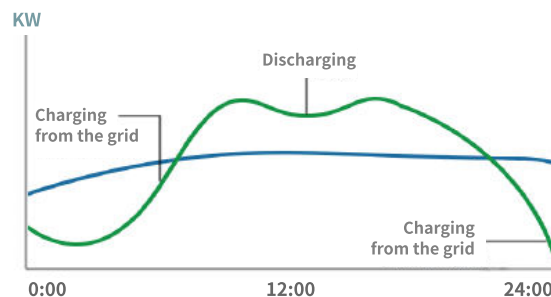
# BENEFITS

## SELF-CONSUMPTION

Store solar energy generated from photovoltaic panels for the future use.



## PEAK SHAVING

Peak shaving works to help solve the problem of power demand. Storing the power off-peak and using it on-peak can significantly lower the electricity bills.



| | RESS-EnerGuard-3.3kWh | RESS-EnerGuard-6.5kWh |
|---|---|---|
| **Battery Data** | | |
| Normal Voltage (V) | 51.2 | 51.2 |
| Normal Capacity (kWh) | 3.3 | 6.5 |
| Operating Voltage (V) | 48～57.6 | 48～57.6 |
| Charging /Discharing Current (A) | 32/42.5 | 60/104.2 |
| Rated Discharging Power (kW) | 1.64 | 3 |
| MAX Discharging Power (kW) | 2.1 | 5 |
| **General Data** | | |
| Dimension (W*D*H)(mm) | 440*400*131 | 440*600*131 |
| Weight (kg) | 30 | 58 |
| IP Protection | IP20 | IP20 |
| Working Temperature (°C) | -10～+50 | -10～+50 |
| Storage Temperature (°C) | -20～+45 | -20～+45 |
| **Features** | | |
| Cycle Life | >6000 | > 6000 |
| Parallel Connection | Max.6 packs | Max.2 packs |
| Communication Port | CAN2.0 /RS485 | CAN2.0 /RS485 |
| Warranty | 10 years | 10 years |

| Compatible Inverters Priority | Models |
|---|---|
| GoodWe | ES 3.6kW~5kW |
| Deye | SUN-6K-SG03LP1-EU |
| Ginlong | S5-EH1P(3~6)K-L |
| Growatt | SPF 5000 TLHVM-WPV;SPH3000TL BL-UP |
| Sungrow | SH5K-30 |

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