

# Whole Home Backup Solution

Energy Beyond Daylight

Model:

SUN2000-5/6/8/10/12K-MAP0

LUNA2000-7/14/21-S1

SmartGuard-63A-T0/AUT0



## Energy Beyond



### Energy Optimizer

Module+ architecture and pack level independent optimization

**40%+**

Higher throughput<sup>1</sup>

**15 Years**

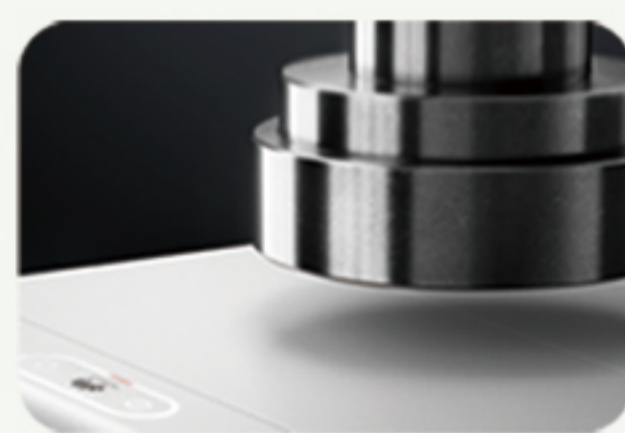
Maximum Warranty<sup>2</sup>

## Safety Beyond

5-layer energy storage system safety protection



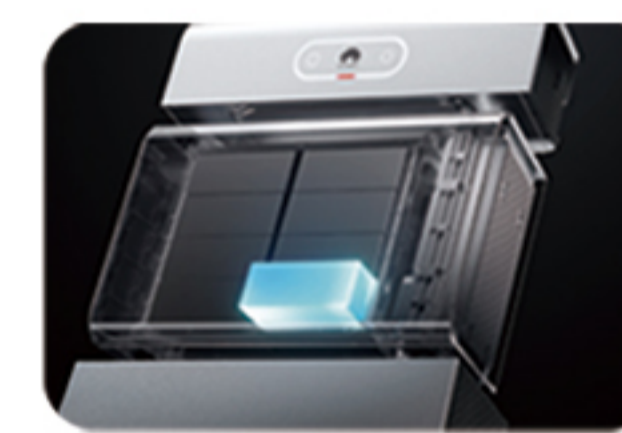
Structural Protection



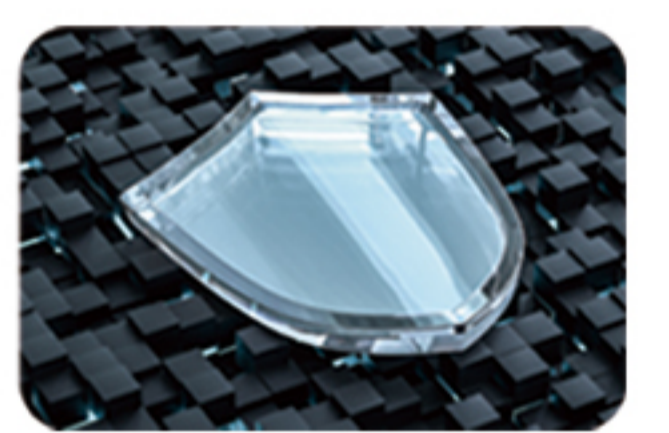
Emergency Protection



Cell-level Protection



Electrical Protection



Active Protection

## Experience Beyond

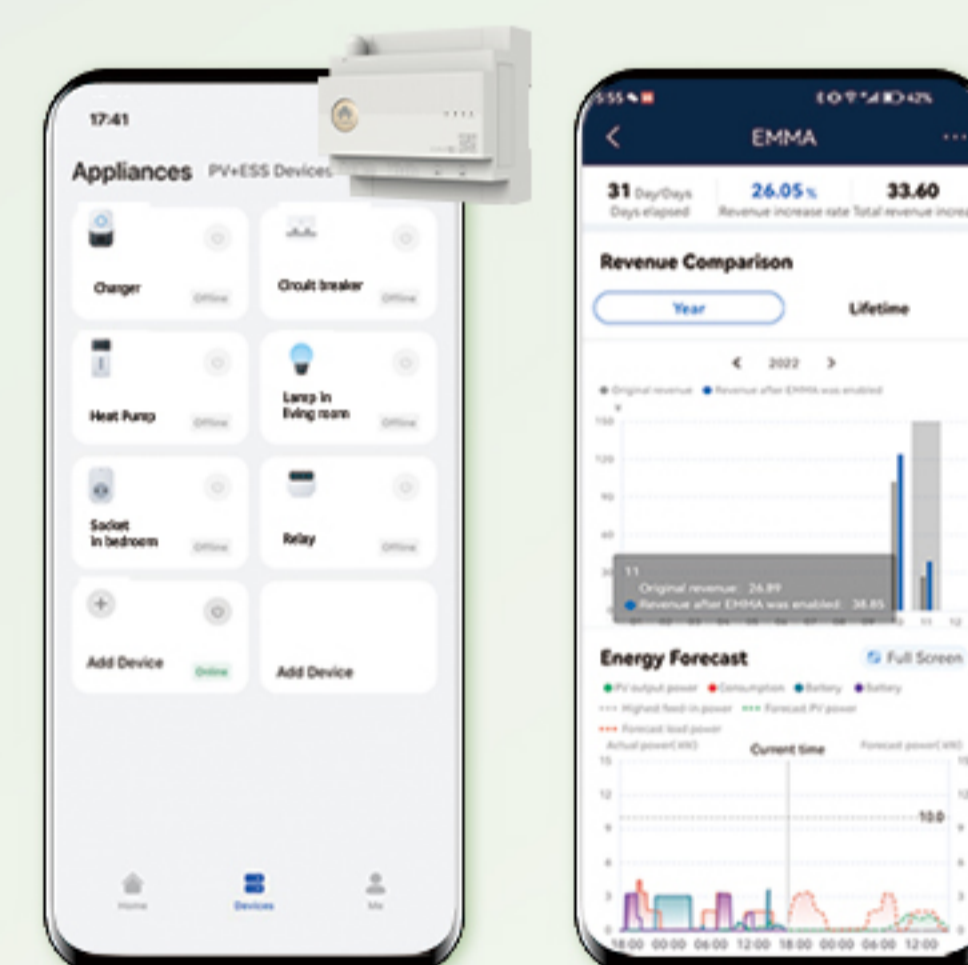
### Reliable Backup Power

max. **36 kW**



Three-phase backup power (with MAP0)

### Superb User Experience



- 1 PV Preferred Mode**  
for more self-consumption
- 2 Scheduled Mode**  
customized consumption plan
- 3 Load Balancing**  
avoiding overloading

### Seamless Switchover, Faster than a Blink



Continuously working as if no blackouts occurred.

## Green Energy Use Experience



Operable between  
**-20°C to 55°C**



**Cable-free**  
Installation



Powerful yet quiet

**3.5 kW**  
Fast charge and discharge power per battery module

**29 dB**  
Quiet operation

1. Throughput per kWh promised in the corresponding warranty letter.

2. The 15-year warranty is valid only when the LUNA S1 is connected to the SmartPVMS. For details, see the warranty letter.