Energy under control

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№1 CHOICE OF THE YEAR B2B 2025

TRUSTED BY THOUSANDS

10 years
On Ukraine market

100 000+
Customers

~1 GWh
2026 delivery

20
Local team









FusionSolar9.0, Redefine Life Cycle Optimal LCOE

Industry's first **1000Vac solution**

Industry's first **grid-forming** smart string inverter

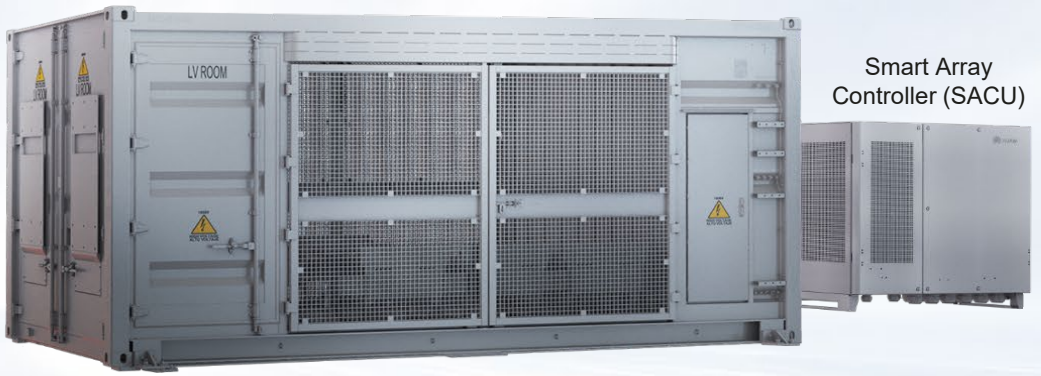
Industry's **max. 11MW** PV array

Optimal Investment | **Grid Forming** | **Smart O&M** | **Safety & Reliability**

Smart String Controller

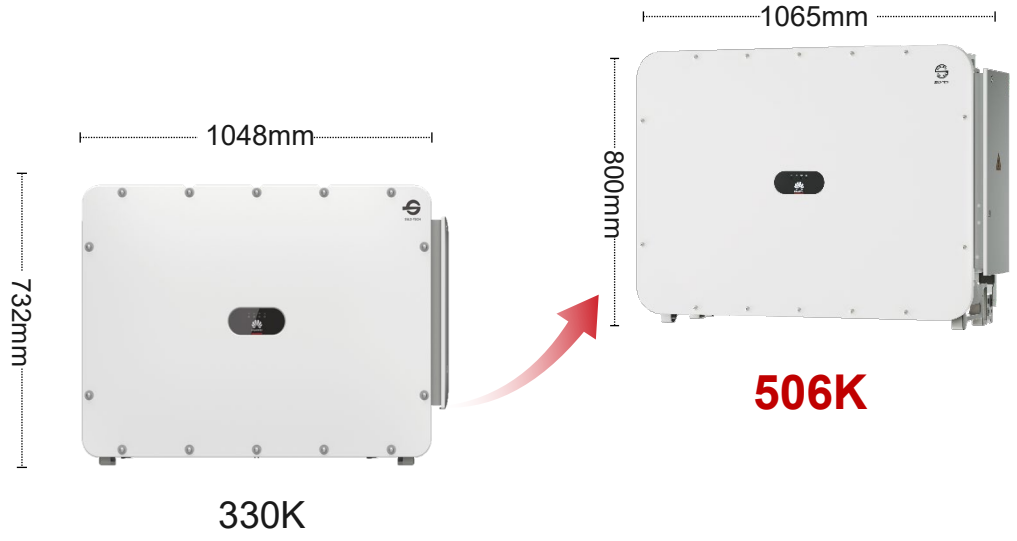


Smart Transformer Station



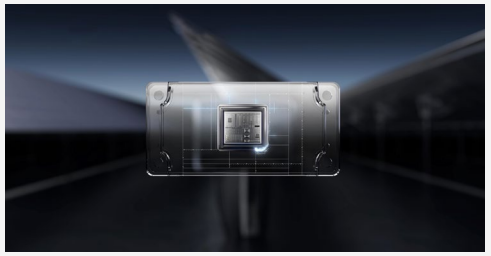
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New Generation 506kW Smart String Inverter

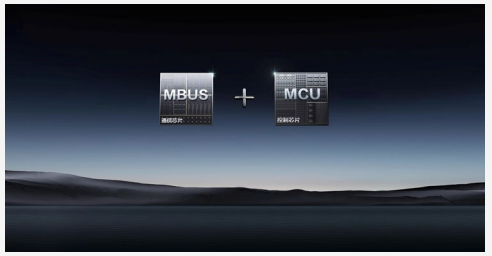


Power	AC output voltage	MPPT current up to
50% ↑	25% ↑	70A ↑ 105A

Four Technical Innovation Breakthrough, Realizing High Voltage, High Power and High Reliability



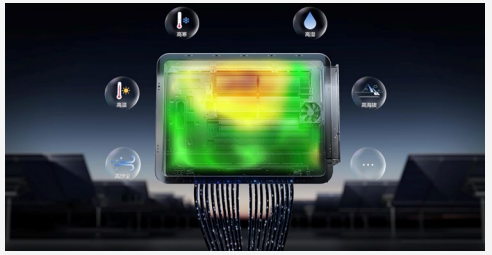
New Gen. IGBT Module



New Comm.& Ctrl Chips



Smart Grid Forming Algorithm



Smart Hybrid Cooling System

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Driving Industry Upgrade Through Continuous Innovation

2020~2022 **Cell ≠ BESS**



Safety: Smart cell diagnosis
Architecture: 800Vac String dual stage

Leading **Smart String** Innovation

2023~2025 **Grid-forming capable BESS**





*GFM: **PV + BESS Plant** Grid Forming*
*Safety: Smart **Cell to Grid** diagnosis*
*One matches all: **Upgradeable software** **+ Expandable hardware***

Leading **Smart String GFM** Innovation

2026~ **Optimal LUTERRA ARRAY**



Leading **Smart String** **GFM & AI** Innovation

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Leading C&I One-Fits-All Intelligent Solution
Accelerating the Decarbonization for Every Business

Supermarket & Hotels | Manufacturing | Logistics | Business Parks | Agricultural | Remote Areas & Islands

Lite Solution



Support New Product

Proactive Safety

Pro Solution



NEW

Industrial Frist
1600W PV Optimizer

Hybrid Cooling
Upgrade RTE 91.8%

Premium Quality

On Grid	On/off Grid
Self-activate SmartEMO	Medium Voltage Microgrid
SmartEMO for Charger	PV&ESS + DG
Multi-Connect Point	40 ESS Parallel

Architecture Upgrade
Covering All Scenarios

Higher Profitability

Max Solution



to Reduce CAPEX

One-Stop Experience

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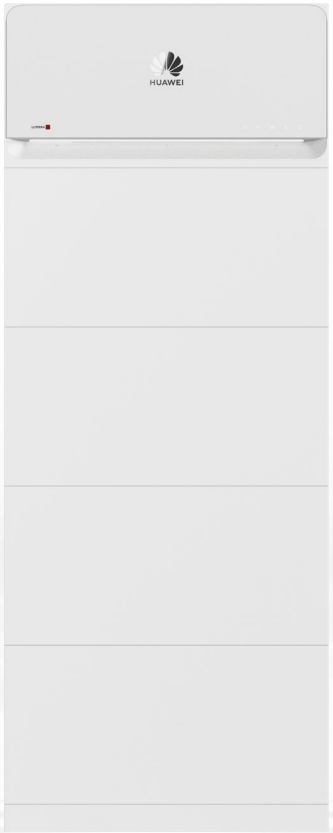
Pioneering New Generation Through Breakthrough Innovation

Full SiC Design

Full Wireless COM

Full Natural Cooling

Redefining Generational Hardware



Leading Intelligent Experience

AI Scheduling 2.0

Intuitive AI Assistant

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Advanced control with multiple system constraints

Case background in Spain

- **Capacity**: 250kW PV +100kW/200kWh
- **Charger**: 4*240kW DC chargers with 8 guns
- **Electricity price**: ESIOS+ Contractual Demand (270kW)
- **Industry**: hotel and restaurant near the highway
- **Work mode**: SCM + Peak Shaving with 35% SoC reserved, 0 feed-in power control



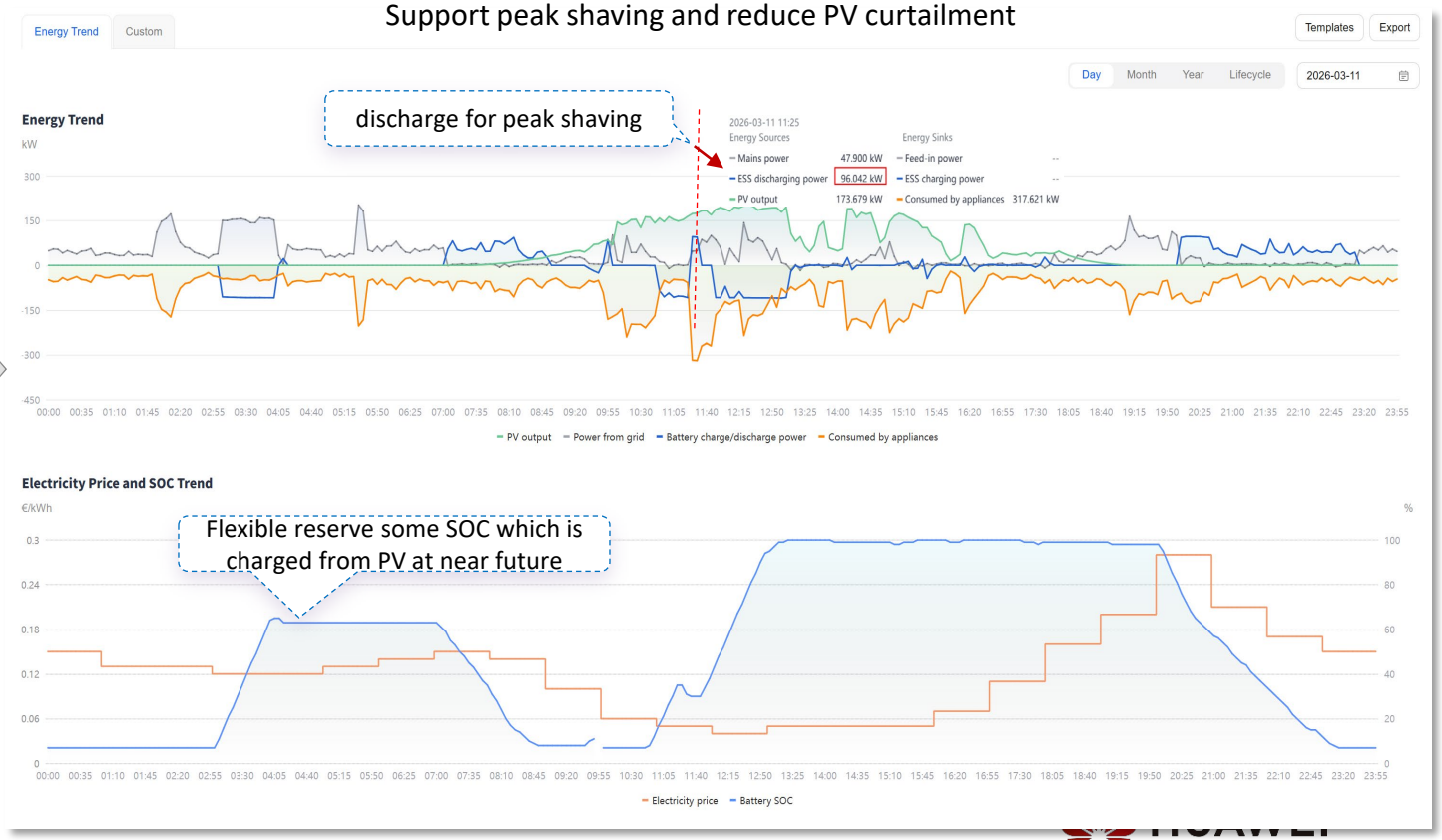
330 days
Days with SmartEMO

18.89K €
Total benefit increase

Before： SCM + Peak Shaving with Fixed SOC backup



After： SmartEMO
Support peak shaving and reduce PV curtailment



Capturing Arbitrage Opportunities in Fluctuating Electricity Markets

Case background

- **Capacity**: 200kWp PV +108kW/215kWh
- **Electricity price**: OREE

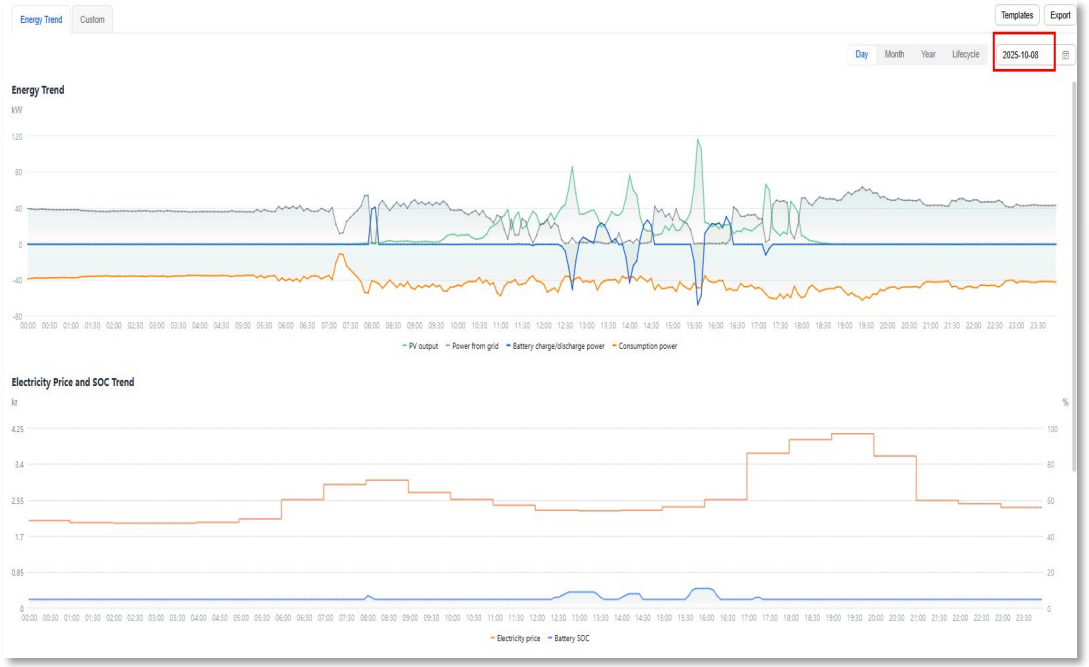
159 days
Days with SmartEMO

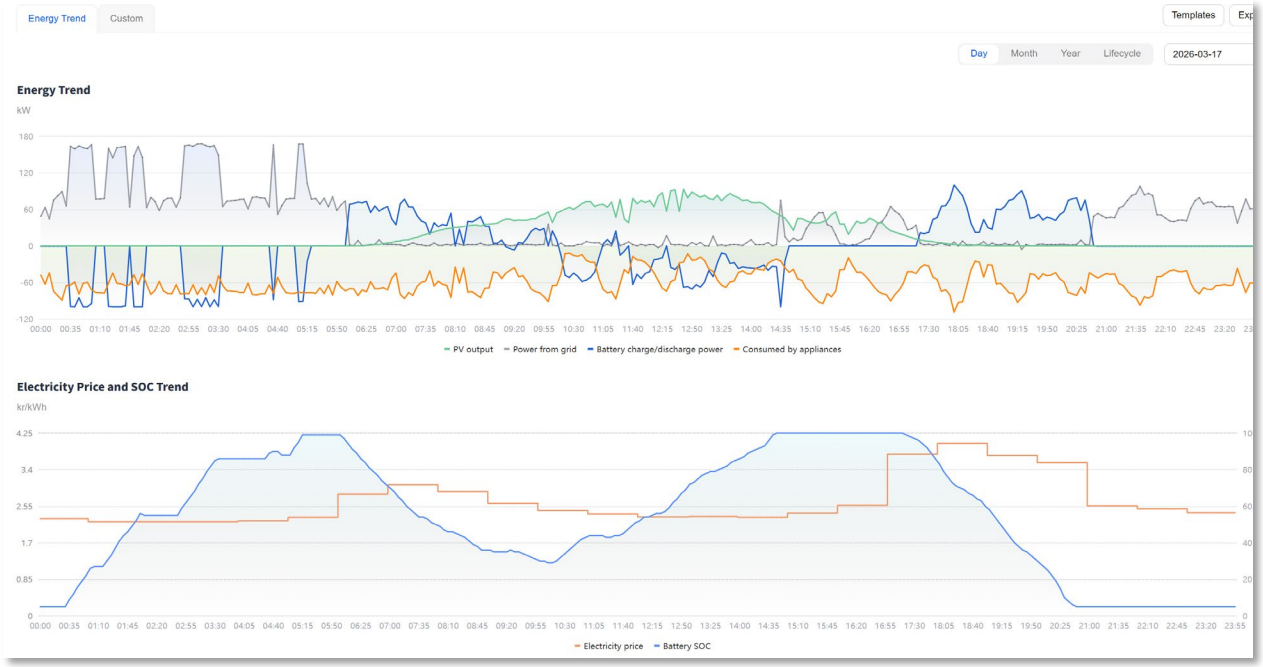
39.87K kr
Total benefit increase

583.40 %
Total benefit increase rate

Before：Max self consumption
Small amount surplus PV power and very few cycle per day

After：SmartEMO
1.5 cycles per day and more arbitrage revenue





Huawei Proprietary - Restricted Distribution

Retail





Automotive



Hotel & restaurant resort

WHITE HILLS
HŌTEL
SPA & SPORT



Hotel & restaurant resort

lake park
LIFESTYLE CLUB



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4.3 MWh for manufacturing



Manufacture

430 kWh for manufacturing



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Utility ESS

ECOTECH INVEST



Utility ESS

10 MWh project



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Let’s connect

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