


Technical Parameters

ENERGY STORAGE SYSTEM	S2400
PV INPUT	
MPPT Voltage Range	10-100V
Max Input Power	1200W x2
BATTERY DATA	
Battery Type	LiFePO ₄
Cycles	8000
Capacity	2400Wh (expansion quantity:1-4)
AC OUTPUT	
AC MAX Output (On/Off Grid)	On Grid:800W / Off Grid:2400W
Rated Voltage / Frequency	230V/50HZ
GENERAL DATA	
Charging / Discharging Temperature	-20~55°C/-20~60°C
Weight (Battery+Power Box)	39.3kg (A2400:15kg/B2400:24.3kg)
Ingress Protection	IP65
Dimension (WxHxD)	500x660x266mm (H:A2400:260mm/B2400:200mm)

PV PANEL	T1027L-BZ
MECHANICAL SPECIFICATIONS	
Rated Peak Power (Pmax)	210W (expansion quantity: 2-10)
Dimensions (WxHxD)	1139x885x5.1mm
Color	Black
Protection Level	IP68
Output Cable	TUV 4.0mm²
Wire Length	450m, length can be customized
Connector	MC4 compatible
Operating Temperature	-40~+85°C
Maximum System Voltage	1500V DC




(Optional)

Infrared Meter Reader

- Supports infrared meter reading
- Low-voltage self-installation, no electrician needed
- Supports cloud-edge energy collaboration

Ecotracker&SMeter-RS02	
Device Type	Infrared meter reading head
Support AC power supply	DC5V
Support Network	WiFi
Max.Communication of WiFi	30m
Data Transfer Interval	500ms-5min
MAX Power Consumption	2W
Working Temperature	-20°C~55°C
MAX.support current	/




(Optional)

Smart Plug

- Supports power metering
- Supports remote and local switch control
- Supports cloud-edge energy collaboration

SPlug-EC01	
Mechanical Characteristics	
Dimensions (W*H*D)	40*40*80mm
Weight	120g
Material of case	Plastic
Electrical characteristics	
Voltage/Frequency	AC100~240,50/60HZ
Power consumption	< 1.3W
Maximum load current	16A
Communications	
Communication mode	WIFI 802.11 b/g/n
WIFI frequency	2.4GHz
Certificates	CE/Rohs/UK-CA




(Optional)

Smart Meter

- Supports CT single/three-phase power detection
- Supports WiFi remote connection
- Supports cloud-edge energy collaboration

SMeter-RC01	
Mechanical Characteristics	
Dimensions (W*H*D)	62*81*19mm
Weight	220g
Electrical characteristics	
Voltage/Frequency	3*230V(L-N)/400V(L-L),50/60HZ
CT Current	50A
Type of measurement	RMS including harmonics on three phase AC system (3P, 3P+N)
Communications	
Interfaces	Wi-Fi
Communication mode	WIFI 802.11 b/g/n
WIFI frequency	2.4GHz
Certificates	CE/Rohs/UK-CA



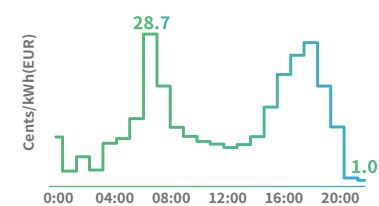
(Optional)

Shelly Meter

- Supports CT single/three-phase power detection
- Users do not need to install a meter
- Supports cloud-edge energy collaboration

Shelly	
Device Type	Meter
AC/power supply	L1/L2/L3/N
Support Network	WiFi
Max.Communication of WiFi	30m
Data Transfer Interval	500ms-5min
MAX Power Consumption	2W
Working Temperature	-20°C~55°C
MAX.support current	CT50A

Supports dynamic pricing and system AI regulation

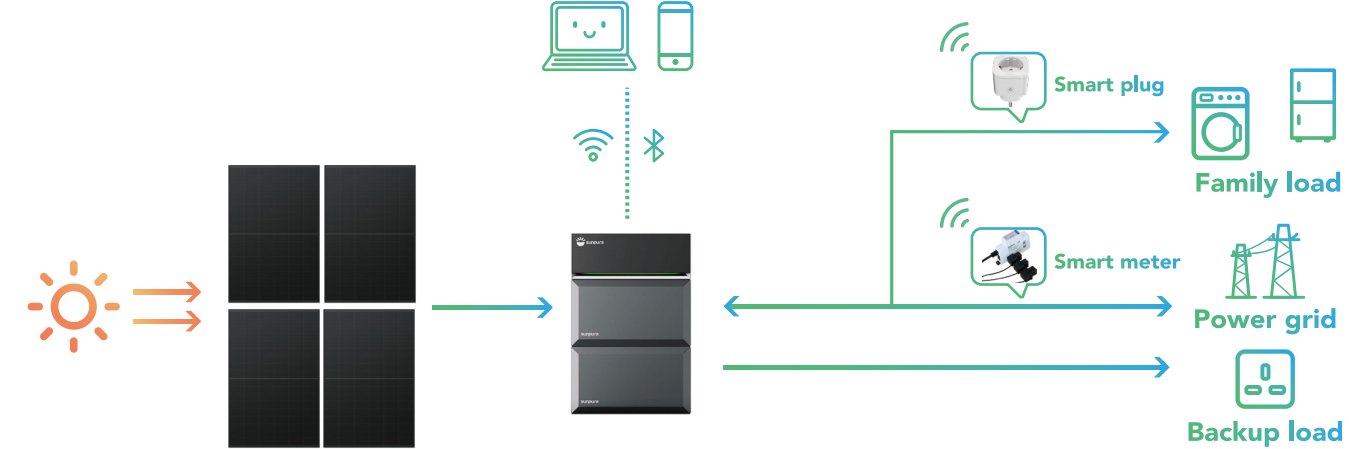


0:00 04:00 08:00 12:00 16:00 20:00

Cents/kWh(EUR)

Austria | Belgium | Denmark | Estonia | Finland | France | Germany | Great Britain | Ireland | Latvia | Lithuania | Luxembourg | Norway | Poland | Sweden | Netherlands | UK

- Provide energy regulation strategies for end customers in Europe.
- Combining dynamic pricing, electricity usage habits, and weather, to achieve AI-driven system regulation.



Scope of Delivery	
Glass-Light Full Black Solar Module (Including Brackets)	x8
Sunpura All-in-One Plug&Play Enery Storage System(S2400)	x1
3m Solar Panel Extension Cable(H1Z2Z2-K 4mm²)	x8
5m AC Cable with Schuko Plug	x1
Key for Removing MC4 Connectors	x1
L-shaped Wall Bracket	x2
M5×60 Self-cutting Expansion Screws	x2
M5x10 Combined Phillips Screws	x2
Cable Tie(Black)	x8
User Manual	x1



S2400 Kits

All-in-One Plug & Play
Energy Storage System



All-in-One Plug & Play Energy Storage System

Saves 1/3 of your electricity bill



All-in-one solution

Sunpura Kit includes solar panels, brackets, cables, and S2400, providing a complete solution for solar power generation. S2400 integrates both Power Box and Battery Box, allowing for seamless connection of the solar panels to the device and AC output to a socket.

Plug & Play

Sunpura Kit is designed for easy installation, the bracket is pre-installed on the solar panel. The cables come with pre-installed connectors that plug directly into the S2400, this setup provides a straight forward DIY experience.

Smart Energy Management

Enhance your energy efficiency with smart plugs or a smart meter for real. Time energy management. Maximize the use of solar power and optimize your revenue. The system supports dynamic electricity pricing, allowing you to charge the battery when electricity prices are low and use stored power when prices are high.



S2400

Energy Storage Battery System



Residential Micro Energy Storage System

Energy Storage, Microinverter, BMS/EMS, Controller

1000W×2 MPPT×2

On-grid Output **800W**

Max **2400W** Off-grid Output

PV PANEL-Glass Light 210Wp

Design for garden, balcony, roof and garage

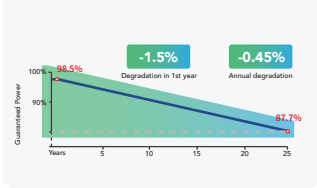


Certificates & Warranty

15 years Product Warranty, 25 years Power Warrant

IEC61215:2021&IEC61730:2023

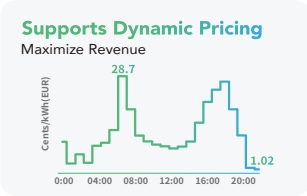
CE, ISO



System + Physical Dual Protection

BMS, Aerosol

Smart Plug/Meter Ready



PLUG & PLAY AC Couple

Flexible expansion, Easy installation

Plug&Play ..., Back-up

Reliable Performance

IP65, 8000 Charge Cycles, Long-Lasting Power, Wide Operation Temperature

Expansion up to **9.6kWh**

2.4kWh

Package Design(2PCS)

- Available for car trunks, reducing freight costs
- TopCon, full screen, dust-free
- Packaging dimensions: 1165*940*158mm < 30KG

Aesthetic Design

- Elegant design in all black appearance, harmonious integration with the components of the building to provide an unparalleled aesthetic experience

Plug With Awesome Fun

- Weighing 50% less than conventional modules
- Can be handled with one hand
- DIY friendly ajustable brackets, tool-free

Glass Light Module

- Small panel design
- Flexible in transportation and loading

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