

sunpura Ecosystem

Smart balcony storage + your smart home = Total energy control.

At the forefront of energy transition and smart home adoption, Our balcony energy storage seamlessly integrates with smart meters, Smart plug, and smart home applications (like EV chargers, water heaters and heat pumps), creating an efficient energy ecosystem that transforms home power management.



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



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



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	/



Load Power Controller

- High-quality components, -20°C~+55°C capable
- Stable communication with monitoring
- Supports multiple protocols

SBoost-ESL01

Mechanical Characteristics

Dimensions (W*H*D)	162*114.5*35mm
Weight	600g

Electrical characteristics

Power Supply	AC 230V
Operating Current	Max 16A
Maximum Power	3600W
Working Temperature	-20°C~55°C
Storage Temperature	-30°C~70°C
Mounting Method	Desktop / Wall-mounted

Interface

RJ45	RS485*1
KEY	1
DO	12V*1
Power Output	3600W*1
Temperature Sensor	1

Communications

Interfaces	Wi-Fi
Communication mode	WIFI 802.11 b/g/n
WIFI frequency	2.4GHz

Certificates

	CE/Rohs
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*SUNPURA reserves the right to final interpretation. 202504_V1_EN



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