

sunpura

Plug-In Home Battery

- Seamless integration with existing solar systems or standalone use
- Quick plug-and-play setup for instant energy independence
- Ecosystem integrated with smart meters and smart home devices
- AI-driven energy management for higher efficiency and ROI
- Dual-CT meter, accurately capturing third-party inverter data for a more complete and smarter energy system

2400W

Max. charging and discharging power

10 Years

Warranty

2400W

Off-grid Input (Microinverter)

8000

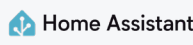
Cycles



sunpura Ecosystem



sunpura



Supports Dynamic Tariffs

700+

European Power Suppliers

sunpura HOME^{AI}

- AI-driven HEMS
- Personalized control
- Secure and reliable (GDPR compliant)



Reliable and Safe Guarding



IP65



BMS



Aerosol

Power Grows With Your Needs

2.4kWh
Up to 9.6 kWh



Parallel Expansion

Max - 7.2kW / 28.8kWh



Scenario



Balcony



Garden

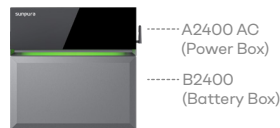


Outdoors

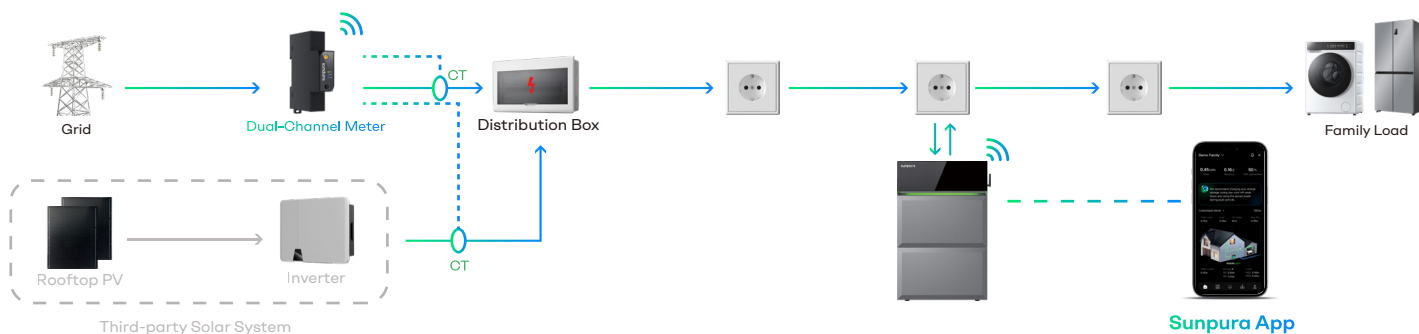


Terrace Roof

Technical Parameters



MODEL		S2400 AC
BATTERY DATA		
Rechargeable Li-ion Battery		LiFePO ₄
Battery Nominal Voltage		48V
Max Charging / Discharging Current		50A
Rated Power (Single Device)		2400W
Cycles		8000 cycles 70%SOH (1.0C)
Battery Depth of Discharge (DOD)		90%
Rated Energy		2400Wh
AC INPUT (ON-GRID TERMINAL)		
Max AC Input Power		2400W
Max AC Input Current		11A
AC Nominal Input Voltage		L + N + PE, 220VAC / 230VAC, 50Hz
AC OUTPUT (ON-GRID TERMINAL)		
Rated AC Output Power		800W
Rated AC Output Current		3.5A
Max AC Output Power		2400W
Max AC Output Current		10.9A
AC Nominal Output Voltage		L + N + PE, 220VAC / 230VAC, 50Hz
AC OUTPUT (OFF-GRID TERMINAL)		
Max AC Output Power		2400W
Max AC Output Current		10.9A
Max AC Input Power (AC Coupled)		2400W
Max AC Bypass Output Power		2400W
Peak Output power (5s)		3600W
AC Nominal Output Voltage		L + N + PE, 220VAC / 230VAC, 50Hz
GENERAL DATA		
Protective Class		Class I
Operating Temperature Range		-20°C to 55°C
Ingress Protection		IP65
Net Weight		A2400 AC (Power Box) : 14kg B2400 (Battery Box) : 26.5kg
Dimensions (WxHxD)		450x430x285mm (Height: A2400: 170mm/B2400: 260mm)
Overvoltage /Overcurrent /Short Circuit / Temperature Protection		Integrated
Communication Method		WIFI / Bluetooth
Warranty		10 Years
Certificates		CE/EMC, RED, LVD, CB, ROHS, REACH, UN38.3, MSDS, Transportation of Goods, IP65, WEEE, VDE4105, EN50549, CEI 0-21, VDE0126, OVE R25, C10/11



*Sunpura reserves the right to final interpretation. _202604_V1_EN



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