

sunpura

Plug In Home Battery

- SolidCore Technology — Using EV-grade semi-solid batteries for enhanced safety, longer lifespan, and superior environmental adaptability.
- The world's first battery with dual-band communication (5G/2.4G) and intelligent switching for stable, reliable connectivity.
- Integrated all-in-one design with industry-leading plug-and-play capacity.
- Ecosystem integrated with smart meters and smart home devices.
- AI-driven energy management for higher efficiency and ROI.

3680W
Max. charging and
discharging power

10 Years
Warranty

3680Wp
Max PV Input (Microinverter)

>10000
Cycles



sunpura SolidCore™



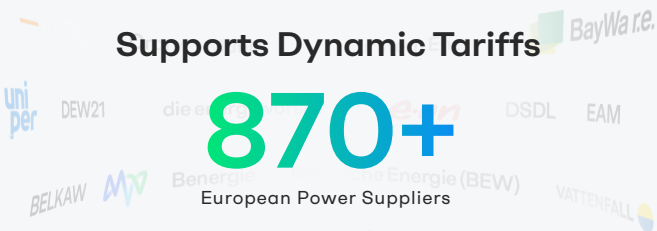
Semi-Solid Battery
Safer · Stronger · Longer-Lasting



sunpura Ecosystem



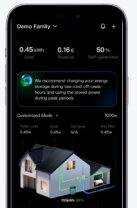
Supports Dynamic Tariffs



870+
European Power Suppliers

sunpura HOME AI

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



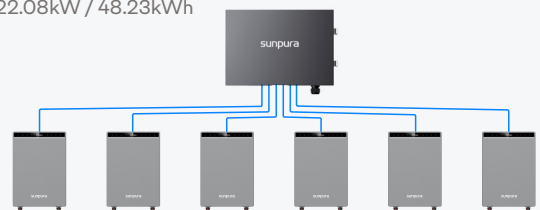
Parallel Expansion

Max - 11.04kW / 24.1kWh



Parallel Box Expansion

Max - 22.08kW / 48.23kWh

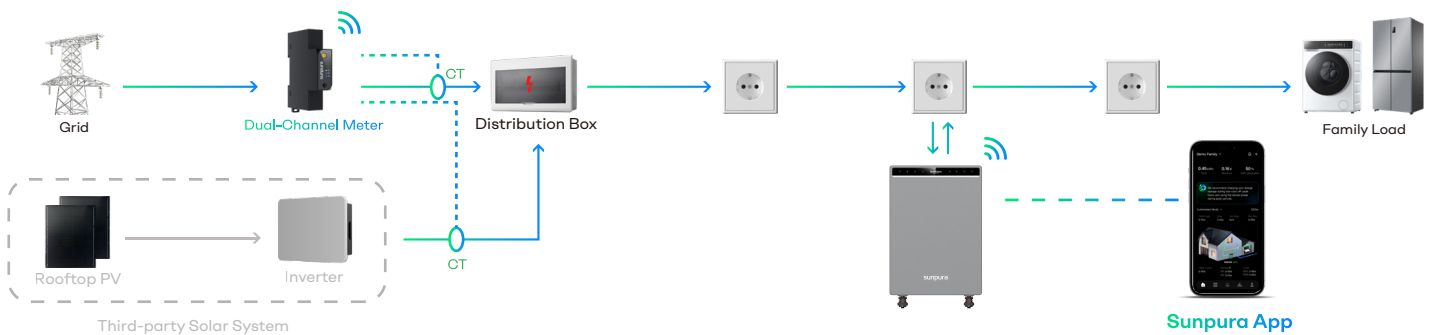


Technical Parameters



MODEL U8000 AC

BATTERY DATA	
Rechargeable Li-ion Battery	Semi-Solid LiFePO ₄
Battery Nominal Voltage	25.6V
Max Charging / Discharging Current	200A
Rated Power (Single Device)	3680W
Cycles	> 10000 cycles 70%SOH (0.5C)
Battery Depth of Discharge (DOD)	90%
Rated Energy	8038.4Wh
AC INPUT (ON-GRID TERMINAL)	
Max AC Input Power	3680W
Max AC Input Current	16A
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	3680W
Max AC Output Current	16A
AC Nominal Output Voltage	L + N + PE, 220VAC / 230VAC, 50Hz
Max AC Output apparent power	3680VA
AC OUTPUT (OFF-GRID TERMINAL)	
Max AC Output Power	3680W
Max AC Output Current	16A
Max AC Input Power (AC Coupled)	3680W
Max AC Bypass Output Power	3680W
Peak Output power (5s)	5520VA
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	90kg
Dimensions (WxHxD)	500x700x250mm
Overvoltage /Overcurrent /Short Circuit / Temperature Protection	Integrated
Communication Method	WIFI(5G&2.4G)/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. _202606_V1_EN



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