

PowerTrunk

Micro AC Coupled Unit
TSOL-MAU4000Lite



**TSOL-MAU4000Lite
+B2000Lite/B4000Lite**



Zero Export



Time-of-use Control



Charge Battery from
Module and Grid



Parallel Output for
Single/Three-phase Grids



Dynamic Tariff
Applicable



Battery Optimizer



Supports Black Start
via PV or Grid

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Technical Data

Model	TSOL-MAU4000Lite
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Battery (DC)

Battery Type	LiFePO ₄
Battery Capacity (kWh)	4
Max. System Capacity (kWh)	20
Nominal Voltage (V)	51.2
Life Cycle	10,000 ^[1]

AC Port (On-grid)

Max. AC Output Power (W)	800 ^[2] / 2000
Max. AC Input Power (W)	2500 ^[3]
Nominal AC Voltage (V)	220 / 230 / 240
Nominal AC Frequency (Hz)	50 / 60

AC Port (Off-grid)

Max. AC Output Power (W)	2500 ^[4]
Nominal AC Voltage (V)	220 / 230 / 240
Nominal AC Frequency (Hz)	50 / 60
Switch Time (ms)	≤10

General Data

Dimensions (W × H × D mm)	583 × 410 × 395
Weight (kg)	48
Communication Mode	WiFi (Bluetooth) + RS485
Protection Degree (IP Rating)	IP65
Cooling Method	Natural Convection
Operating Temperature Range	-20 ~ 55°C
Relative Humidity	0 ~ 95%, Non condensing
Max. Operating Altitude (m)	2000
Protection Level	I
Overvoltage Category	II (DC); III (AC)

[1] Designed for a lifespan of 10,000 cycles at 25 °C ambient temperature.

[2] According to the legal requirements of certain countries, such as the German region and Belgium, output load limits are implemented to 800W.

[3] The EPS load should be greater than or equal to 500W.

[4] Required AC input power greater than or equal to 500W.

Technical Data

Model	TSOL-B2000Lite	TSOL-B4000Lite
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Battery Specifications

Battery Type	LiFePO ₄	
Battery Capacity (kWh)	2	4
Nominal Voltage (V)	51.2	
Life Cycle	10,000 ^[1]	

General Data

Dimensions (W×H×D mm)	583 × 333 × 375	
Weight (kg)	26	35
Protection Degree (IP Rating)	IP65	
Cooling Method	Natural Convection Cooling	
Operating Temperature Range	-20 ~ 55°C	
Relative Humidity	0 ~ 95%, Non condensing	
Max. Operating Altitude (m)	2000	

[1] Designed for a lifespan of 10,000 cycles at 25 °C ambient temperature.

Related Products

Micro AC Coupled Unit (MAU4000Lite)

Battery Pack (B2000/4000Lite)

Easy Solar Kit (Without Microinverter)

Single-phase Three-phase
Projoy Smart Meter (WiFi-CT Connected)

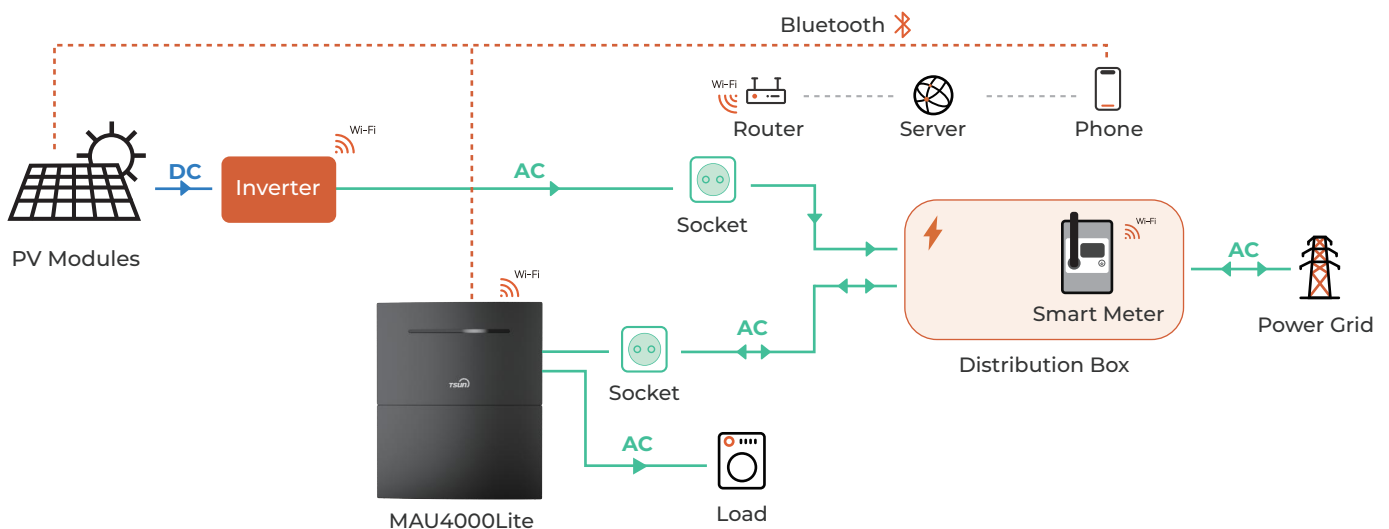
Single-phase Three-phase
Shelly Smart Meter (WiFi-CT Connected)

Single-phase Three-phase
Smart Meter (RS485-CT Connected)

everHome EcoTracker IR

P1 Reader

Diagram



For more information, visit/ contact us at www.tsun-ess.com

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MORE SAFETY MORE POWER

