PowerTrunk

Micro AC Coupled Unit

TSOL-MAU4000Elite

MORE SAFETY MORE POWER





TSOL-MAU4000Elite +B2000Elite/B4000Elite

- 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-MAU4000Elite
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.

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Technical Data

Model	TSOL-B2000Elite	TSOL-B4000Elite
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
(MAU4000Elite)



Battery Pack
(B2000/4000Elite)



Easy Solar Kit
(Without Microinverter)

Standard Accessories



AC End Cable
(2 m)



RS485 Connector



Bracket

Optional Accessories



AC End Cable
(5 m/10 m/15 m)



RS485 Cable
(Dispatch)



RS485 Cable
(Meter)



RS485 Cable
(Parallel)

Smart Accessories



P1-2W



MR3-D4-WE



MR3-D4-WE



ADL200N-CT



ADL400N-CT



Projoy
PEEM-S100



Projoy
PEEM-S01



Projoy
PEEM-T01



Shelly
Pro EM-50



Shelly
Pro 3EM

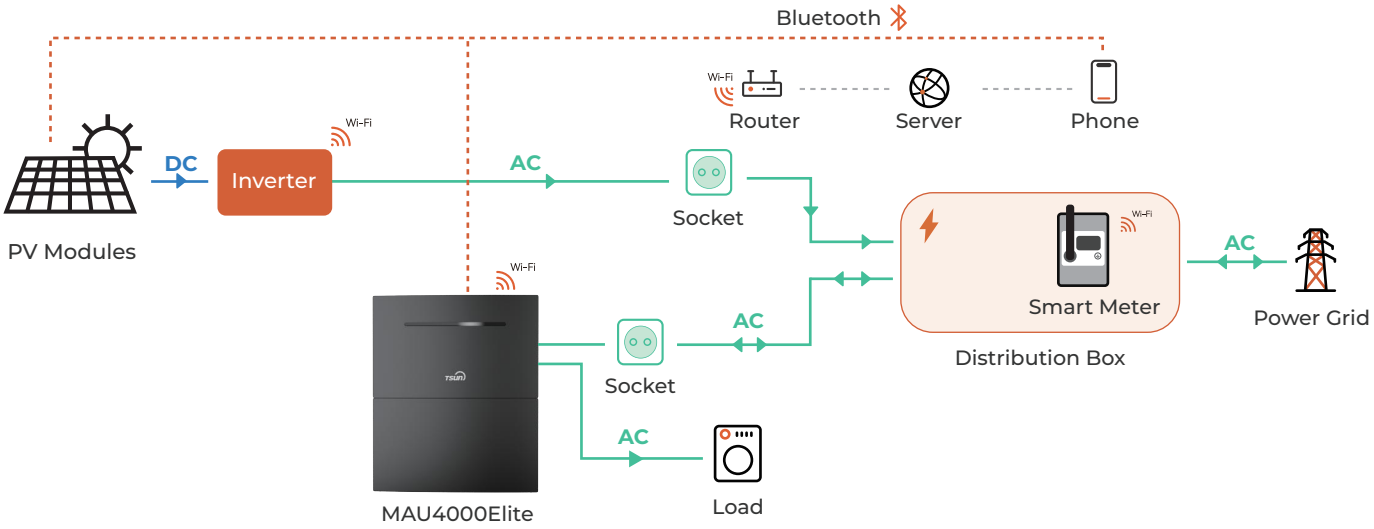


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EcoTracker IR

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System Diagram



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