

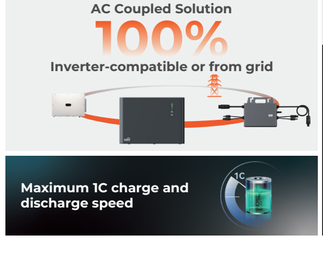
PowerTrunk MAU2000

Micro AC Coupled Unit

Micro AC Coupled Unit



	MAU2000
Battery Capacity	2048 Wh
Battery Type	$LiFePO_4$
Max. System Capacity	10.24 kWh (1 MAU + 4 x Stackable Battery)
Max. AC Output Power (On-grid)	2000 W/800 W
Max. AC Output Current (On-grid)	10 A/4 A
Max. AC Output Power (Off-grid)	2000 W
Max. AC Output Current (Off-grid)	10 A
Dimensions (W x H x D)	455 x 320 x 280 mm
Net/Gross Weight	25.9 kg/28.6 kg
Ingress Protection	IP65
Operating Ambient Temperature Range	-20 ℃ ~ +55 ℃







Battery Pack



	B2000
Battery Capacity	2048 Wh
Battery Type	$LiFePO_4$
Max. Charge/Discharge Power	2000 W
Max. Charge/Discharge Current	40 A/45 A
Dimensions (W x H x D)	455 x 242 x 280 mm
Net/Gross Weight	17.2 kg/19 kg
Ingress Protection	IP65

Smart Meter





	PEEM-S100	MR3-D4-WE
Grid Type	Single-phase	Three-phase
Wireless Type	WiFi	
Rated Voltage	AC 230 V 50/60 Hz	
Max. Current per Phase	100 A	100 A
Power Consumption per Phase	< 1 W	
Power Range	0-999999.99 kWh	
Accuracy Class	1.0	
Mounting System	Rail Mounted (35 mm)	

TSUN
MORE SAFETY MORE POWER

TSUN Micro Storage Series

Established in 2019 in Suzhou's innovation hub, TSUNESS (TSUN) is a pioneer in smart clean energy solutions, serving over 40 countries. Recognized as a certified China High-Tech Enterprise and a "Potential Unicorn," TSUN holds more than 80 patents and global certifications (ISO9001/CE/VDE). Its revolutionary balcony-mounted solar systems, featuring a Plug & Play design and modular microinverters (ranging from 300W to 6000W), have earned prestigious accolades, including SNEC's Top 10 Highlights Award and PVBL's Most Innovative Enterprise recognition.

Backed by strategic investments from IDG Capital and GLP Hidden Hill, TSUN is rapidly expanding in the residential energy market. The company's advanced micro-energy storage systems (2-10 kWh capacity) complement its fully integrated product ecosystem.

Founder Andy Liu, a distinguished industry leader with over 15 years of experience, previously established China's first PV inverter company and successfully collaborated with national institutions. Holding multiple government talent awards, TSUN remains dedicated to R&D, continuously driving technological innovation.

Guided by its commitment to "Technology-Empowered, Scenario-Innovated" solutions, TSUN strives to make clean energy universally accessible to households through continuous product innovation and evolution.



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MORE SAFETY MORE POWER



Micro Hybrid Storage Unit

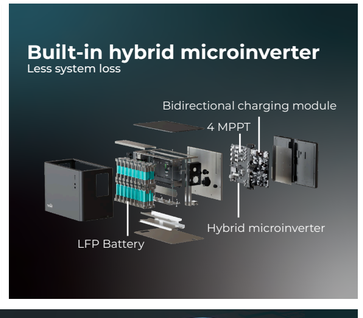


MSU2000

Operating Voltage Range per Input	16-60 V
Max. Input Current per Input	18 A
Quantity of MPPTs	4
Maximum 4 MPPT Input	2800W
Battery Capacity	2048 Wh
Battery Type	$LiFePO_4$
Max. System Capacity	10.24 kWh (1 MSU + 4 x Stackable Battery)
Max. AC Output Power (On-grid)	2000 W/800 W
Max. AC Output Current (On-grid)	10 A/4 A
Max. AC Output Power (Off-grid)	2000 W
Max. AC Output Current (Off-grid)	10 A
Dimensions (W x H x D)	455 x 320 x 280 mm
Net/Gross Weight	26.8 kg/29.5 kg
Ingress Protection	IP65
Operating Ambient Temperature Range	-20℃ ~ +55℃

















MSU HIGHLIGHTS





