



700W Microinverters Perfect Solution For Solar Installations

Our Product Introduction

Basic Information

- Place of Origin: China
- Brand Name: LS
- Certification: CE
- Model Number: LSMT700TL-H1
- Minimum Order Quantity: 30 sets
- Price: consult prices online
- Packaging Details: consult online
- Payment Terms: T/T



Product Specification

- Rated Output Power: 700W
- Maximum Output Power: 700W
- MPPT Voltage Range: 22V-48V
- Nominal Output Voltage: 120V / 230V
- Efficiency: 95% Peak Efficiency
- Operating Ambient Temperature Range: -40°C To +65°C
- Maximum Units Per Branch: 5 Units @ 230V
- Dimensions: 230mm X 185mm X 45mm
- Highlight: **700W Microinverters, Microinverters 230V, 120V microinver**

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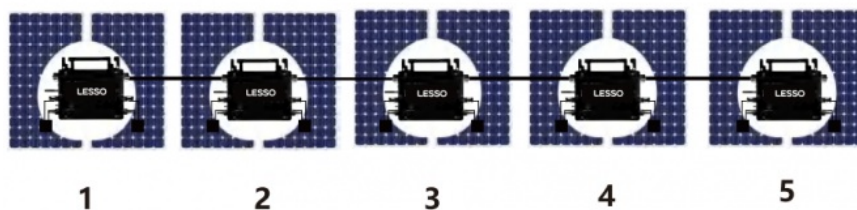
Product Description

700W Microinverters The Perfect Solution for Solar Installations

Micro PV Inverter Highlights

1. Single unit connects up to 2 PV modules.
2. Maximum 700W AC output power.
3. Single phase output, Flexible 3-phase PV system.
4. WIFI communication and cloud monitoring.
5. Up to 5 units(230V) per branch.
6. Customizable various input (DV PV) voltage range.
7. Integrated AC bus cable, ready-To-Use.
8. Low cost, easy installation

Single phase connection method of micro inverter



1. LSMT700TL-H1 @Single-Phase 230V grid Maximum 5 units LSMT700TL-H1 micro PV inverter per branch.
2. The max DC input power of each inverter is 700W(the PV module max output power is 2x350W).
3. The VOC of PV modules should not be greater than the max DC input voltage of micro PV inverter.

Product Overview:

The LSMT700TL-H1 micro PV inverter is engineered for optimal performance and reliability in solar energy systems. It supports up to 2 PV modules, delivering a maximum AC output of 700W. Its advanced features include high efficiency, flexible installation options, and robust safety measures, making it a preferred choice for residential and small commercial solar installations.

DC Input	Mode	LSMT700TL-H1
	Number of input MC4 connector	2 sets
	MPPT voltage range	22V-48V
	Operation voltage range	20-50V
	Maximum Input voltage	52V
	Startup voltage	18V
	Maximum input power	700W
	Maximum input current	14A*2
AC Output	Single-phase grid type	120V/230V
	Rated output power	600W
	Maximum output power	600W
	Nominal output current	@120VAC:5.8A/@230VAC:3A
	Nominal output voltage	120VAC/230VAC
	Default output voltage range	@120VAC:80V-160V/@230VAC:180V-270V
	Nominal output frequency	50Hz/60Hz
	Default output frequency range	@50Hz:48Hz-51Hz/@60Hz:58Hz-61Hz
	Power factor	>0.99%
	Total harmonic distortion	THD<5%
Efficiency	Maximum units per branch	@120VAC:3units/@230VAC:5units
	Nominal MPPT efficiency	99.5%
	Peak efficiency	95%
	Night power consumption	<1W
Mechanical Data	Operating ambient temperature range	-40°C to +65°C
	Storage temperature range	-40°C to +85°C
	Dimensions (L×W×H)	230mm x 185mm x 45mm
	Weight	2kg
	Max current of AC bus cable	20A
	Waterproof rating	IP66
	Cooling mode	Natural convection-no fans
Other Features	Communication	WIFI (cloud monitoring)
	Power transmission mode	Reverse transfer, load priority
	Monitoring system	Mobile APP, PC browser
	Transformer design	High frequency transformers, galvanically isolated
	Integrated ground	Equipment ground is provided by the PE in the AC cable. No additional ground is required

es	Protection Functions	Isolated island protection,voltage protection,frequency protection, temperature protection,current protection,etc.
	Design compliance	EN IEC61000-3-2:2019+A1:2021,EN 61000-3-3:2013+A1:2019+A2:2021, EN IEC55014-2:2021
	Certificate	CE

Application:

Residential Solar Systems: Ideal for homeowners looking to maximize energy efficiency and reliability in their solar installations.

Small Commercial Installations: Suitable for small businesses seeking cost-effective and easy-to-install solar solutions.

Remote Monitoring: Equipped with Wi-Fi communication for real-time monitoring and management through a mobile app or PC browser.

Shipping Methods:

Supports global air and sea shipping.



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