



350W Microinverters For Small Scale Solar Applications

Basic Information

- Place of Origin: China
- Brand Name: LS
- Certification: IEC 61215/IEC 61730/ISO 9001/ISO 14001/ISO 45001
- Model Number: LSMT350TL-H1
- Minimum Order Quantity: 50 sets
- Price: consult prices online
- Packaging Details: consult online
- Payment Terms: T/T



Product Specification

- Nominal MPPT Efficiency: 99.5%
- Peak Efficiency: 95%
- Maximum DC Input Power: 350W
- Operating Ambient Temperature Range: -40°C To +65°C
- Nominal Output Voltage: 120V/230V
- Maximum Units Per Branch: 10 Units @230V
- Cooling Mode: Natural Convection - No Fans
- Protection Functions: Isolated Island Protection, Voltage Protection, Frequency Protection, Temperature Protection, Current Protection
- Highlight: **350W Microinverters, 230V Microinverters, 120V micro inverter 350w**

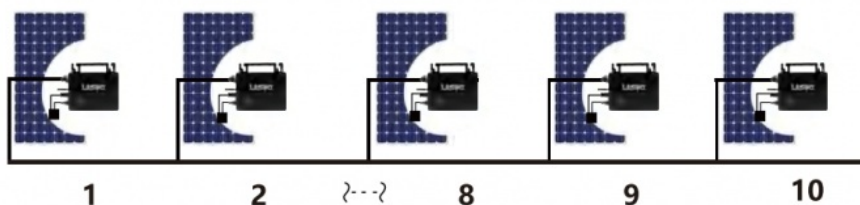
Product Description

350W Microinverters for Small-Scale Solar Applications

Micro PV Inverter Highlights

1. Single unit connects up to 1 PV module.
2. Maximum 350W AC output power.
3. Single phase output, Flexible 3-phase PV system.
4. WIFI communication and cloud monitoring.
5. Up to 10 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. LSMT350TL-H1 @Single-Phase 230V grid maximum 10 units LSMT350TL-H1 micro PV inverter per branch.
2. The max DC input power of each inverter is 350W(the PV module max output power is 1x350W).
3. The VOC of PV modules should not be greater than the max DC input voltage of micro PV inverter

Product Description:

The LSMT350TL-H1 micro inverter is designed for small-scale solar applications, offering high efficiency and reliable performance. Each unit connects to a single photovoltaic (PV) module, delivering a maximum AC output power of 350W. This micro inverter is ideal for single-phase systems, supporting up to 10 units per 230V grid branch. It features customizable DC input voltage ranges and advanced monitoring capabilities through WiFi and cloud services. Its compact design, measuring 195mm x 185mm x 40mm and weighing just 1.6kg, ensures easy installation and space efficiency. The inverter operates efficiently across a wide temperature range, with IP66-rated protection for durability in various environments.

DC Input	Mode	LSMT350TL-H1
	Number of input MC4 connector	1 set
	MPPT voltage range	16V-48V
	Operation voltage range	20-50V
	Maximum Input voltage	50V
	Startup voltage	18V
	Maximum input power	350W
	Maximum input current	14A
AC Output	Single-phase grid type	120V/230V
	Rated output power	350W
	Maximum output power	350W
	Nominal output current	@120VAC:2.5A/@230VAC:1.3A
	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%
	Maximum units per branch	@120VAC:5units/@230VAC:10units

Efficiency	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)	195mm×185mm×40mm
	Weight	1.6kg
	Max current of AC bus cable	20A
	Waterproof rating	IP66

Other Features	Cooling mode	Natural convection-nofans
	Communication	WIFI(cloud monitoring)
	Power transmission mode	Reverse transfer,load priority
	Monitoring system	Mobile APP,PC browser
	Transformerdesign	High frequency transformers.galvanically isolated
	Integrated ground	Equipment ground is provided by the PE in the AC cable. No additional ground is required
	Protection Functions	Isolated island protection,voltage protection,frequency protection, temperature protection,currentprotection,etc
	Designcompliance	EN IEC61000-3-2:2019+A1:2021,EN 61000-3-3:2013+A1:2019+A2:2021 EN IEC55014-2:2021
	Certificate	CE

Application:

This micro inverter is suitable for residential and small commercial solar installations. It can be used in flexible three-phase PV systems, providing reliable performance and seamless integration with existing solar arrays.

Shipping Methods

Supports global air and sea shipping.



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