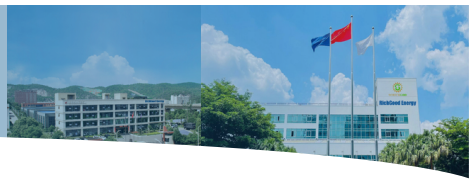

800W Solar Power Micro Inverter WIFI Enabled Cloud Monitoring For Detailed Performance Tracking

Our Product Introduction

Basic Information

- Place of Origin: China
- Brand Name: LS
- Certification: CE
- Model Number: LSMT800TL-H1
- Minimum Order Quantity: 30 sets
- Price: consult prices online
- Packaging Details: consult online
- Payment Terms: T/T

Product Specification

- Rated Output Power: 800W
- Maximum Output Power: 800W
- 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: 4 Units @ 230V
- Dimensions: 230mm X 185mm X 45mm
- Highlight: **800W solar power micro inverter**, **48V solar power micro inverter**, **22V solar pv micro inverter**

Our Product Introduction

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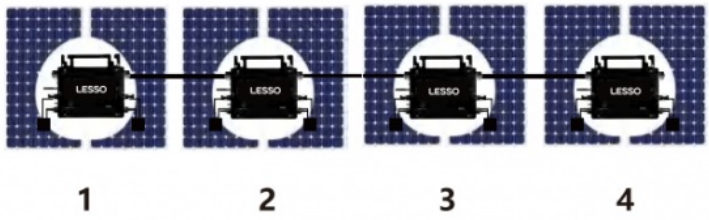
Product Description

800W Microinverters WIFI-Enabled Cloud Monitoring for Detailed Performance Tracking

Micro PV Inverter Highlights

1. Single unit connects up to 2 PV modules.
2. Maximun 800W AC output power.
3. Single phase output,Flexible 3-phase PV system.
4. WIFI communication and cloud monitoring.
5. Up to 4 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.LSMT800TL-H1 @Single-Phase 230V grid Maximum 4 units LSMT800TL-H1 micro PV inverter per branch.
2.The max DC input power of each inverter is 800W(the PV module max output power is 2x400W).
3. The VOC of PV modules should not be greater than the max DC input voltage of micro PV inverter.

Product Description:

The LSMT800TL-H1 microinverter is engineered to deliver efficient energy conversion for solar power systems by converting the direct current (DC) generated by photovoltaic (PV) modules into alternating current (AC) suitable for residential or small commercial use. It is compatible with single-phase 120V and 230V grid systems, making it versatile for various installations. With a rated AC output power of 800W and a peak efficiency of 95%, this microinverter maximizes the energy yield from each PV module. The device also includes built-in WIFI communication for real-time monitoring and control via mobile apps or a PC browser, ensuring the system operates at optimal efficiency. Additionally, the integrated AC bus cable simplifies the installation process, making it cost-effective and user-friendly.

DC Input	Model	LSMT800TL-H1
	Number of input MC4 connector	2sets
	MPPT voltage range	22V-48V
	Operation voltage range	20-50V
	Maximum Input voltage	52V
	Startup voltage	18V
	Maximum input power	800W
	Maximum input current	16A*2
AC Output	Single-phase grid type	120V&230V
	Rated output power	800W
	Maximum output power	800w
	Nominal output current	@120VAC:6A/@230VAC:3.5A
	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:3units/@230VAC:5units
Eiffici-ency	NominalMPPT efficiency	99.5%
	Peak efficiency	95%
	Night powerconsumption	<1W

Mecha-nical Data	Operating ambient temperature range	-40°C to +65°C
	Storage temperature range	-40°C to+85°C
	Dimensions (L×W×H)	230mm x185mmx45mm
	Weight	2kg
	Maxcurrent 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
	Protection Functions	Isolated island protection,voltage protection,frequency protection, temperature protection,current protection,eto.
	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:

The LSMT800TL-H1 microinverter is ideal for residential and small commercial solar systems where optimizing the performance of each solar module is critical. It is especially suited for installations in locations with partial shading or where space constraints require individual module monitoring. The inverter's WIFI-enabled cloud monitoring system provides advanced energy management capabilities, making it a suitable choice for applications requiring detailed performance tracking and remote system management.

Shipping Methods:

Supports global air and sea shipping.

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