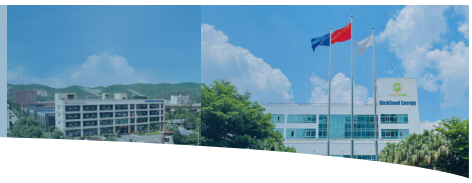


1200W Microinverters High Power Output For Residential Commercial PV Setups

Our Product Introduction

Basic Information

- Place of Origin: China
- Brand Name: LS
- Certification: CE
- Model Number: LSMT1200TL-H1
- Minimum Order Quantity: 30 sets
- Price: consult prices online
- Packaging Details: consult online
- Payment Terms: T/T

Product Specification

- Rated Output Power: 1200W
- Maximum Output Power: 1200W
- 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: 3 Units @ 230V
- Dimensions: 255mm X 340mm X 45mm
- Highlight: **1200W Microinverters**, **Commercial Microinverters**, **Residential 1200w micro inverter**

for more products please visit us on fuhaosolar.com

Our Product Introduction

for more products please visit us on fuhaosolar.com

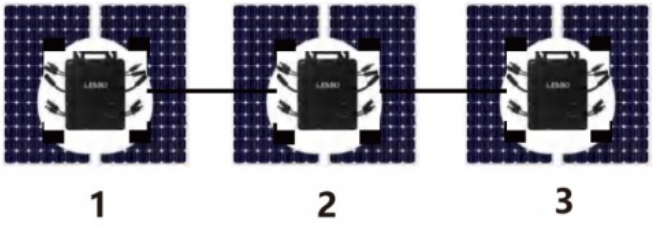
Product Description

1200W Microinverters High-Power Output for Residential Commercial PV Setups

Micro PV Inverter Highlights

1. Single unit connects up to 4 PV modules.
2. Maximun 1200W AC output power.
3. Single phase output,Flexible 3-phase PV system.
4. WIFI communication and cloud monitoring.
5. Up to 3 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.LSMT1200TL-H1 @Single-Phase 230V grid Maximum 3 units LSMT1200TL-H1 micro PV inverter per branch.
2.The max DC input power of each inverter is 1200W(the PV module max output power is 4x300W).
3. The VOC of PV modules should not be greater than the max DC input voltage of micro PV inverter.

Product Description:

The LSMT1200TL-H1 microinverter is engineered to deliver high-performance energy conversion for larger photovoltaic (PV) systems. It is designed to handle up to 1200W of AC output power, making it suitable for setups involving multiple solar modules. The inverter supports single-phase 120V & 230V grid connections and is optimized for flexible 3-phase PV systems. The advanced WIFI communication and cloud monitoring capabilities allow users to monitor and manage system performance remotely, ensuring efficient energy utilization. With a peak efficiency of 95% and low night power consumption of less than 1W, this microinverter is a reliable choice for maximizing solar energy harvest.

DC Input	Model	LSMT1200TL-H1
	Number ofinput MC4 connector	4 sets
	MPPT voltage range	22V48V
	Operationvoltage range	18-60V
	Maximum Input voltage	60V
	Startup voltage	22V
	Maximum input power	1200W
	Maximum input current	12A*4
AC Output	Single-phase grid type	120V&230V
	Ratedoutput power	1200W
	Maximumoutput power	1200W
	Nominal output current	@120VAC:10A/@230VAC:5.2A
	Nominaloutput voltage	120VAC/230VAC
	Default output voltage range	@120VAC:80V-160V/@230VAC:180V-270V
	Nominal output frequency	50Hz/60Hz
	Default output frequencyrange	@50Hz:48Hz-51Hz/@60Hz:58Hz-61Hz
	Powerfactor	>0.99%
	Total harmonic distortion	THD<5%
	Maximum units per branch	@120VAC:2units/@230VAC:4units
Eiffici-ency	Nominal MPPT efficiency	99.5%
	Peak efficiency	95%
	Night power consumption	<1W

Mech a-nical Data	Operating ambient temperature range	-40°C to +65°C
	Storage temperature range	-40°C to +85°C
	Dimensions (L×W×H)	255mm x340mm x45mm
	Weight	3.7kg
	Max current of AC bus cable	20A
	Waterproof rating	IP66
	Cooling mode	Natural convection -no fans

Other Features	Communication	WIFI(cloud monitoring)
	Powertransmission 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,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:

The LSMT1200TL-H1 is ideal for large residential and commercial PV systems where high power output per module is required. It is particularly useful in installations with varied sunlight exposure, where maximizing energy production from each module is crucial. This microinverter is also perfect for installations requiring advanced monitoring and control features, ensuring optimal performance and energy management.

Shipping Methods:

Supports global air and sea shipping.

RICHGOOD ENERGY CO.,LTD

willa@fuhaosolar.com fuhaosolar.com

Rm3810 Baoli E Building Pa Zhou Haizhu district Guangzhou