



Micro PV Inverter

LSMT600TL
LSMT700TL
LSMT800TL



A: DC Connectors
B: AC Connector (Female)

Work Mode

1. Normal: Under this mode, Micro PV Inverter is operating normally and convert DC power into AC power to support the houseloads and feed in to Public Grid.
2. Stand by: in the following case, the Micro PV Inverter will stay in Stand by mode:
the current condition is contradicted with Micro PV Inverter operating requirement.

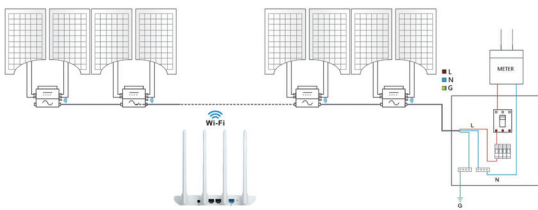
Micro PV Inverter Highlights

1. Maximum output poweer of 600W/700W/800W.
2. The peak efficiency was 94.70%, the CEC-weighttted efficiency was 94.50%.
3. Static MPPT efficiency was 99.80%, Dynamic MPPT efficiency was 99.76% on overcast days.
4. Power factor (adjustable) 0.8 ahead...0.8 lag.
5. External antenna used for stronger communication with the DTU.
6. High Reliability: IP67. housing.6,000 V Surge Protection.

LESSO Micro PV Inverter

DC Input	Model	LSMT600TL	LSMT700TL	LSMT800TL
	Recommend module power	210-400W*2	260-470W*2	310-540W*2
	Open circuit voltage range	30-60V		
	Peak power tracking voltage	22-60V		
	Min/Max starting voltage	22-60V		
	Maximum DC short circuit current	2 x 15A	2 x 16A	2 x 18A
	Maximum input working current	2 x 12A	2 x 14A	2 x 16A
AC Output	Rated output power	600W	700W	800W
	Rated output current	2.6A	3.05A	3.5A
	Rated voltage range	185-265V		
	Rated frequency range	47~52/57~62Hz		
	Maximum number of branches	12 Pcs (single)		
Static MPPT efficiency	99.5%			
Max output efficiency	95%			
Loss of power at night	<0.5W			
Total current harmonics	<5%			
Temperature range	-40°C to +65°C			
Size (L x W x H)	283mm x 200mm x 41.6mm			
Net amount	2.56kg			
Waterproof grade	IP67			
Heat dissipation mode	Natural cooling			
Communication mode	WiFi			
Monitoring system	APP, PC			
Electromagnetic detection	EN50081.part1/EN50082.part1/CSA STD.C22 NO.107.1			
Power grid standard	EN61000-3-2 EN62109.UL STD.1741			
Power grid detection	DIN VDE0126 IEEE STD.1547.1 1547.A			

Wiring Diagram-230VAC Single Phase



Wiring Diagram-230VAC/400VAC Three Phase

