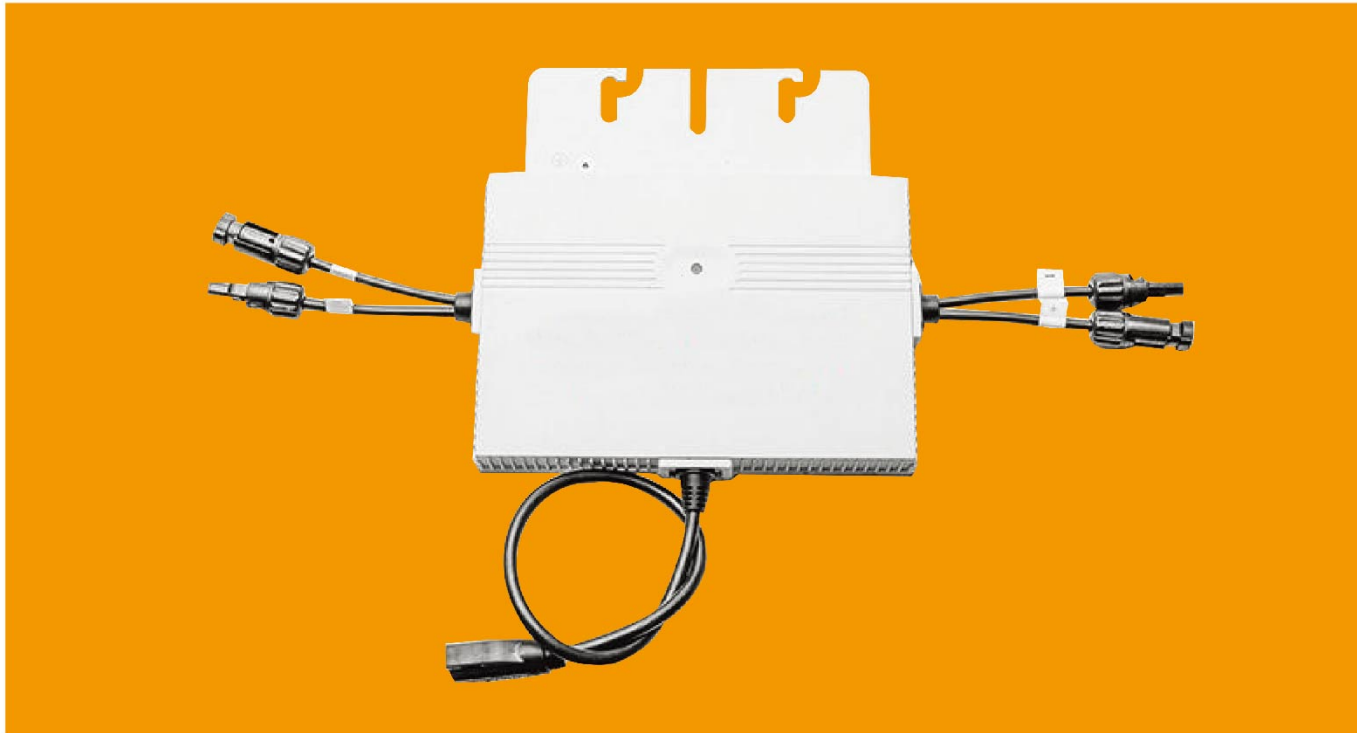


Micro Inverter
SVT Series 250W-500W



The SVT500 Microinverter as a cutting-edge spokesman for the microinverters in the new era,has full sincerity and devotion to stability, details and more advanced tech. SVT500 seeks to enable best improved solar energy harvest,highest possible reliability,much simplified installation and most efficient management of solar power systems.

Each SVT500 is individually connected to two solar panels with two MPPT(Maximum Power Point Tracking) respectively for every panel.This unique configuration minimizes the negative impact from environment such as shading,dust, orientation or panel aging and eliminates the possibility of single-point failure, thus improving the system’ s harvest to largest extent.

Key Features:

- High-quality energy harvest with high MPPT accuracy.
- Concentrated reliability and stability.
- No single-point failure.
- Improved safety with integrated complete set of protection functions.
- Lifetime free remote monitoring at solar panel’ s level.
- Flexibly adapted to almost all 60-cell and 72-cell panels.
- Easy installation.
- Long life time.

Technical Data

Model	SVT500
Input Data (DC)	
Recommended maximuminput power (STC)	300W*2
Maximum input DC voltage	54V
Start voltage	24V
Peak power tracking range	28V ~ 42V
Operating range	18V ~ 54V
Maximum DC short circuit current	15A
Maximum input current	9.5A*2
Output Data (AC)	
Maximum output power	500W
Rated output power	500W
Maximum output current	2.17A
Nominal voltage	220V/230V/240V
Nominal frequency	50Hz/60Hz
Power factor	>0.99
Total Harmonic Distortion	<3%
Maximum units per branch	10
Efficiency	
Peak inverter efficiency	95.80%
EURO weighted efficiency	95.1% (according to EN50530)
Nighttime power consumption	120mW
Mechanical Data	
Enclosure environmental rating	IP65
Operating temperature range	-40oC ~ +65 oC
Dimensions (WxHxD)	248mm*172mm*27.5mm(Without bracket)
	248mm*238mm*27.5mm(With bracket)
Weight	2.4Kg
Features	
Communication	PLCC (Power Line Carrier Communication)
Compliance	VDE-AR-N 4105, VDE 0126-1-1, G83/2, UTE C15-712-1, AS4777, EN50438 , EN62109, EN61000
Warranty	25 Years