



Microinverter

Model EVT560-L

- ### Highlights
- ◆ Improved safety level
 - ◆ High-quality energy harvest with individual MPPT
 - ◆ No single-point failure
 - ◆ Serial design - Plug & Play easy installation
 - ◆ Lifetime free remote monitoring at module level

The EVT 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. The EVT microinverter seeks to enable best improved solar energy harvest, highest possible reliability, much simplified installation and most efficient management of solar power systems.

Each EVT microinverter is individually connected to one/two solar panel(s) with every 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.

Microinverter Datasheet

Model	EVT560-L
Input Data (DC)	
Max. DC Input (V)	54 V
Isc PV (Absolute Max.) (A)	15 A
Operating Range (V)	18 V-54V
Max. Input Current (A)	12A*2
MPPT Voltage Range (V)	24~45V
Output Data (AC)	
Normal Voltage (Vac)	110Vac / 120Vac / 127Vac
Frequency (Hz)	50Hz/60Hz
Current (Max. Continuous) (A)	5.09A
Power (Max. Continuous) (W)	560 W
Power Factor /Rated(Default)	>0.99
Total Harmonic Distortion	<3%
Maximum Units Per Branch	5 Units (12AWG Cable)
Efficiency	
Peak Inverter Efficiency	94.5%
EURO Weighted Efficiency	94.0%
MPPT Efficiency	99.9%
Nighttime Power Consumption	<100 mW
Features	
Communication	PLCC(Power Line Carrier Communication)
Lifetime	25 Years
Others	
Ingress Protection (IP)	IP 67
Protective Class	Class I
Temperature (°C)	-40°C to +65°C
Relative Humidity	0%~98%
Overvoltage Category	OVC III (AC Main), OVC II (PV)
Inverter Isolation	<input type="checkbox"/> Non-isolated <input checked="" type="checkbox"/> High frequency isolated
Weight	2.8kg
Dimensions	248mm*236mm*27.5mm