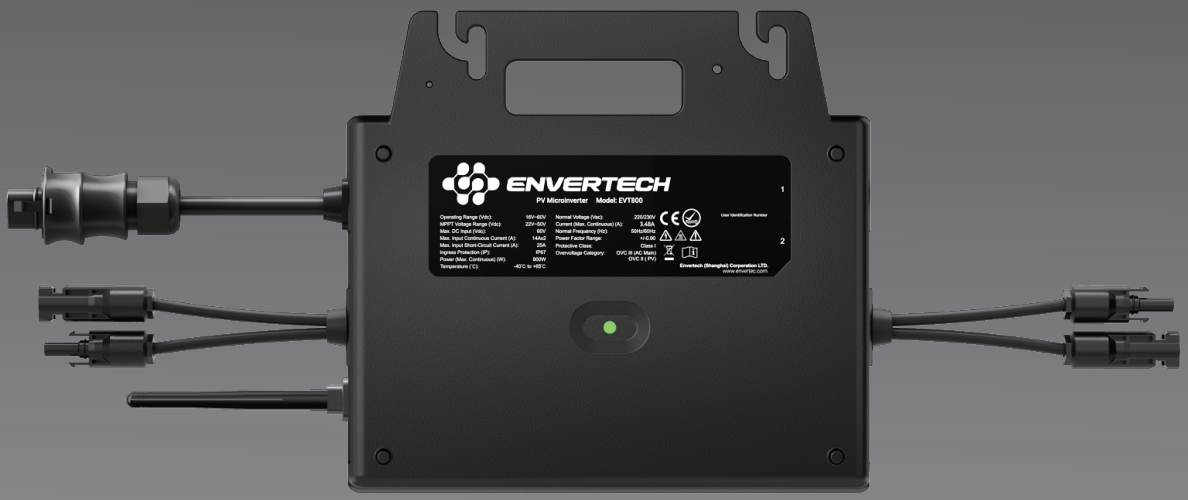
Microinverters

EVT800

Connected to two panels



-Type B

SAFE
Low DC voltage

QUALITY
Components selected from world-class brands

MONITORING
Built-in Wi-Fi

PLUG & PLAY
Fast installation

10 YEARS
Long 25 years lifetime; optional up to 20 years warranty

MODULE-LEVEL
Module-level optimization & monitoring





Monitoring

Enables users to manager the systems in a smart digital ways via Built- in Wi-Fi

ENVERTECH
www.envertec.com

DATASHEET

Model	EVT800 (Type B)
	Input Data (DC)
Recommended Input Power Range(STC)	(180W-550W+)*2
Max. DC Input (V)	60V
Isc PV (Absolute Max.) (A)	25A*2
Operating Range (V)	16V-60V
Max. Input Current (A)	14A*2
MPPT Voltage Range (V)	22V-50V
	Output Data (AC)
Normal Voltage (Vac)	220V-230V
Voltage Range (Vac)	189-260V
Current (Max.continuous) (A)	3.48A
Frequency (Hz)	50Hz/60Hz
Frequency Range (Hz)	47.5-52.5Hz/57.5-62.5Hz
Rated output power (W)	800W
Max. ouput apparent power (VA)	800VA
Power Factor/Rated (default)	+/-0.90
Total Harmonic Distortion	<3%
	Efficiency
Peak Efficiency	96.8%
MPPT Efficiency	99.9%
Nighttime Power Consumption	<100mW
	Features
Communication	Wi-Fi
Compliance	Recommendation G98 Issue 2: 2025(G98/2), VDE-AR-N 4105, IEC/EN61000,IEC/EN62109-1/2,EN50549-1/2019,TOR 2019, C10/11:2019,CEI 0-21 UTE C15-712-1:2013,VFR 2019
Warranty	10 years(20 years optional)
	Others
Ingress Protection (IP)	IP67
Protective Class	Class I
Temperature (℃)	-40℃ to +65℃
Relative Humidity	0% - 98%
Overvoltage Category	OVC III (AC Main), OVC II (PV)
Inverter Isolation	High Frequency Isolated
Weight	3.7 kg
Dimensions (W*H*D)	264mm*194mm*35.5mm