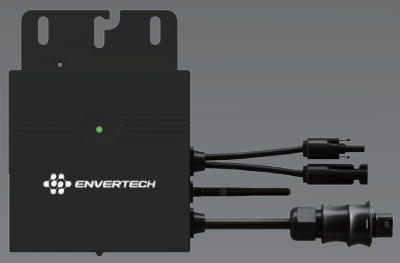
Microinverters

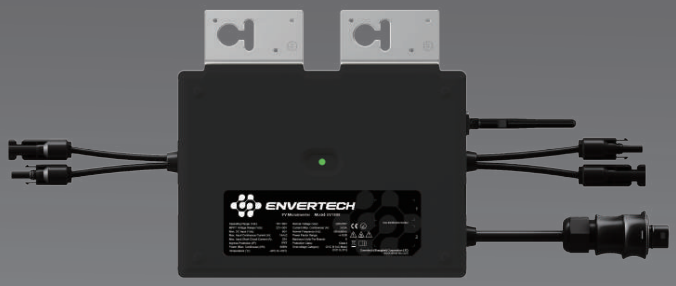
EVT400

Connected to one single panel



EVT800

Connected to two panels



-Type B

SAFE
Low DC voltage.

QUALITY
Components selected from world-class brands.

MONITORING
Built-in WiFi or additional monitoring device* available.

FLEXIBILITY
Adapts to any system size and optimizes space.

PLUG & PLAY
No End cap required. Perfect for balcony or garden installations.

15 YEARS
Long 25 years lifetime; optional up to 20 years warranty.

MODULE-LEVEL
Module-level optimization & monitoring.

Monitoring device*: Monitoring devices are optional at extra cost.





Monitoring

Enables users to manager the systems in a smart digital ways via PLCC or Built-in Wifi.

DATASHEET

Model	EVT400	EVT800
Input Data (DC)		
Recommended Input Power Range(STC)	180W-550W+	(180W-550W+) *2
Max. DC Input (V)	60V	60V
Isc PV (Absolute Max.) (A)	25A	25A
Operating Range (V)	16V-60V	16V-60V
Max. Input Current (A)	14A	14A*2
MPPT Voltage Range (V)	22V-50V	22V-50V
Output Data (AC)		
Normal Voltage (Vac)	220V/230V	220V/230V
Voltage Range (Vac)	189-260V	189-260V
Current (Max.continuous) (A)	1.81A	3.63A
Frequency (Hz)	50Hz/60Hz	50Hz/60Hz
Frequency Range (Hz)	47.5-52.5Hz / 57.5-62.5Hz	47.5-52.5Hz/57.5-62.5Hz
Power (Max.continuous) (W)	400W	800W
Power Factor/Rated (default)	+/-0.90	+/-0.90
Total Harmonic Distortion	＜3%	＜3%
Maximum Units Per Branch (12AWG Cable)	N/A	N/A
Efficiency		
Peak Efficiency	96.5%	96.8%
MPPT Efficiency	99.9%	99.9%
Nighttime Power Consumption	＜100mW	＜100mW
Features		
Communication	PLCC (Power Line Carrier Communication) / WiFi	
Compliance	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 (See individual datasheet for specific product certifications)	
Warranty	15 years (20 years optional)	
Others		
Ingress Protection (IP)	IP 67	
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	1.8kg	3.7kg
Dimensions (W*H*D)	163.3mm*163.7mm*35.5mm	264 mm*194 mm*35.5 mm