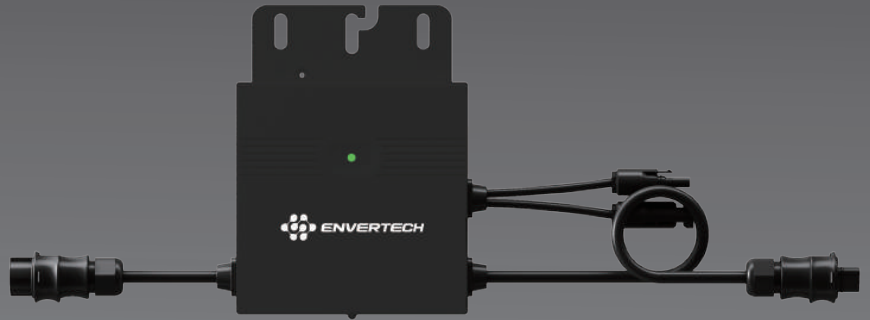


EVT360

EVT400

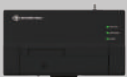


Connected to one single panel.

-Type P



Smart*: Smart monitoring devices are optional at additional cost.



Monitoring Device EVB300

Communicates with Envertech microinverters and enables users to manage the systems in a smart digital way.

DATASHEET

Model	EVT360	EVT400
Input Data (DC)		
Recommended Input Power Range(STC)	180W-500W+	180W-550W+
Max. DC Input (V)	60V	60V
Isc PV (Absolute Max.) (A)	15A	25A
Operating Range (V)	16V-60V	16V-60V
Max. Input Current (A)	12A	14A
MPPT Voltage Range (V)	22V-48V	22V-50V
Output Data (AC)		
Normal Voltage (Vac)	220V/230V	220V/230V
Voltage Range (Vac)	189-260V	189-260V
Current (Max.continuous) (A)	1.64A	1.81A
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)	360W	400W
Power Factor/Rated (default)	+/-0.90	+/-0.90
Total Harmonic Distortion	<3%	<3%
Maximum Units Per Branch (12AWG Cable)	15 Units	13 Units
Efficiency		
Peak Efficiency	96.5%	
MPPT Efficiency	99.9%	
Nighttime Power Consumption	<100mW	
Features		
Communication	PLCC (Power Line Carrier Communication)	
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 [C]	-40°C to +65°C	
Relative Humidity	0% - 98%	
Overvoltage Category	OVC III (AC Main), OVC II (PV)	
Inverter Isolation	☑ High Frequency Isolated	
Weight	1.8kg	
Dimensions (W*H*D)	163.3mm*163.7mm*27mm	