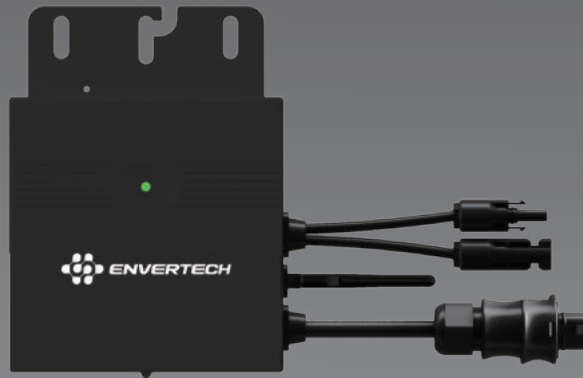


# EVT350

Connected to one single panel.



-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

EVT350

### Input Data (DC)

Recommended Input Power Range(STC)	180W-550W+
Max. DC Input (V)	60V
Isc PV (Absolute Max.) (A)	25A
Operating Range (V)	16V-60V
Max. Input Current (A)	14A
MPPT Voltage Range (V)	22V-50V

### Output Data (AC)

Normal Voltage (Vac)	220V/230V
Voltage Range (Vac)	189-260V
Current (Max.continuous) (A)	1.59A
Frequency (Hz)	50Hz/60Hz
Frequency Range (Hz)	47.5-52.5Hz/57.5-62.5Hz
Power (Max.continuous) (W)	350W
Power Factor/Rated (default)	+/-0.90
Total Harmonic Distortion	< 3%
Maximum Units Per Branch (12AWG Cable)	N/A

### Efficiency

Peak Efficiency	96.5%
MPPT Efficiency	99.9%
Nighttime Power Consumption	< 100mW

### Features

Communication	PLCC(Power Line Carrier Communication) / Wi-Fi
Compliance	LVD 2014/35/EU, EMC 2014/30/EU, RED 2014/53/EU, ROHS, WEEE, REACH, EN 50549-1/10, IEC 62116&IEC 61727, VDE-AR-N 4105, VFR 2019, UTE C15-712-1, DIN VDE V 0126-1-1, C10/11, TOR, CEI 0-21, NC-RfG, NA/EEA-NE7 - CH 2020, NTS
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*35.5mm