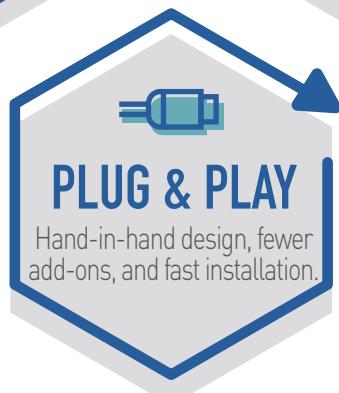
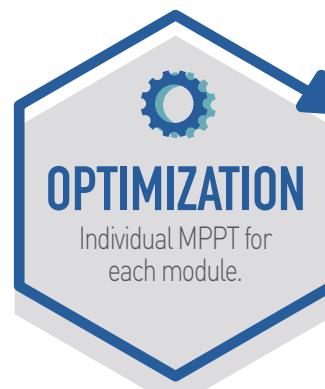
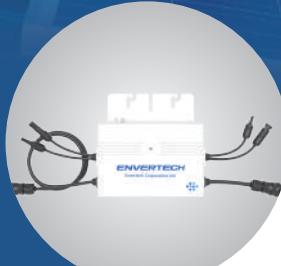


MICROINVERTER EVT560

Connected to two panels.



DATASHEET

Model

EVT560

Efficiency

| | |
|-----------------------------|--------|
| Peak Inverter Efficiency | 95.6% |
| EURO Weighted Efficiency | 95% |
| MPPT Efficiency | 99.9% |
| Nighttime Power Consumption | <100mW |

Input Data (DC)

| | |
|--------------------------------------|-------------------|
| Recommended Input Power Range(STC) | (180W - 400W+) *2 |
| Max. DC Input (V) | 54V |
| Max. Input Short-circuit Current (A) | 15A |
| Operating Range (V) | 18V-54V |
| Max. Input Continuous Current (A) | 12A*2 |
| MPPT Voltage Range (V) | 24V-45V |

Output Data (AC)

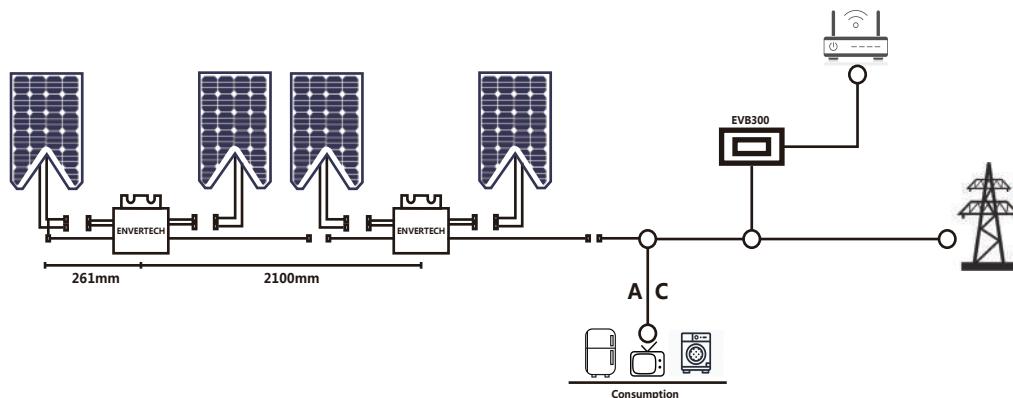
| | |
|------------------------------|------------------------|
| Normal Voltage (V) | 230V |
| Current (Max.Continuous) (A) | 2.54A |
| Frequency (Hz) | 50Hz |
| Power (Max.Continuous) (W) | 560W |
| Peak Power (W) | 600W |
| Power Factor Range | +/-0.95 |
| Total Harmonic Distortion | <3% |
| Maximum Units Per Branch | 10 Units (12AWG Cable) |

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, UTE C15-712-1:2013,VFR 2019 |
| 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 (W*H*D) | 248mm*236mm*27.5mm |



Monitoring Device EVB300

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



ENVERTECH

www.envertec.com