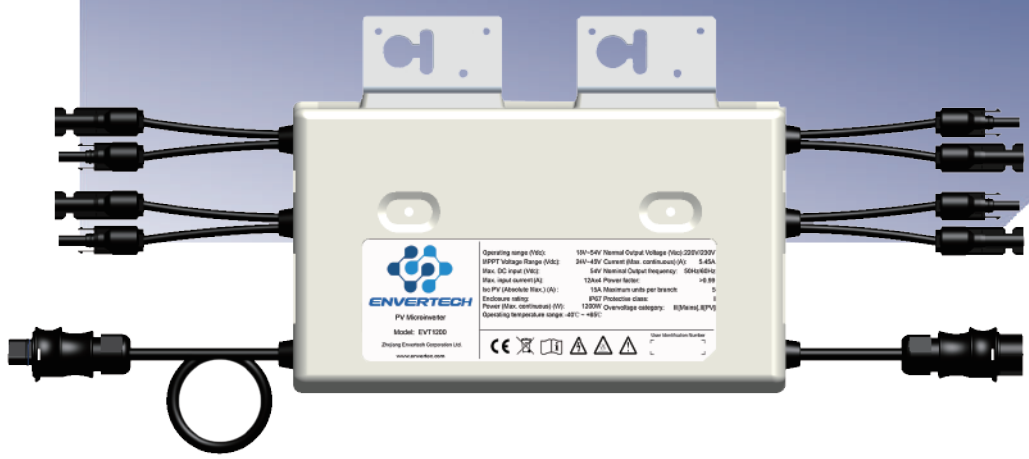


MICROINVERTER

EVT1200


Connected to FOUR panels.



SAFE
Low DC voltage,
and invisible.



QUALITY
Components selected from
world-class brands.



OPTIMIZATION
Individual MPPT for
each module.



FLEXIBILITY
Adapts to any system size
and optimizes space.



PLUG & PLAY
Hand-in-hand design.
Fewer add-ons.
Faster installation.



25 YEARS
Long 25 years lifetime.
Up to 15 years warranty.



SMART
Module-level online smart
monitoring.

DATASHEET

Model

EVT1200

Input Data [DC]

Recommended Input Power Range(STC)	(180W-420W+) *4
Max. DC Input (V)	60V
Max. Input Short-circuit Current (A)	15A
Operating Range (V)	16V-60V
Max. Input Continuous Current (A)	12A*4
MPPT Voltage Range (V)	22V-48V

Output Data [AC]

Normal Voltage (V)	220V/230V
Frequency (Hz)	50Hz
Current (Max.Continuous)	5.90A
Power (Max.Continuous)	1200 W
Peak Power (W)	1300 W
Power Factor Range	+/-0.90
Total Harmonic Distortion	<3%
Maximum Units Per Branch	5 Units (12AWG Cable)

Efficiency

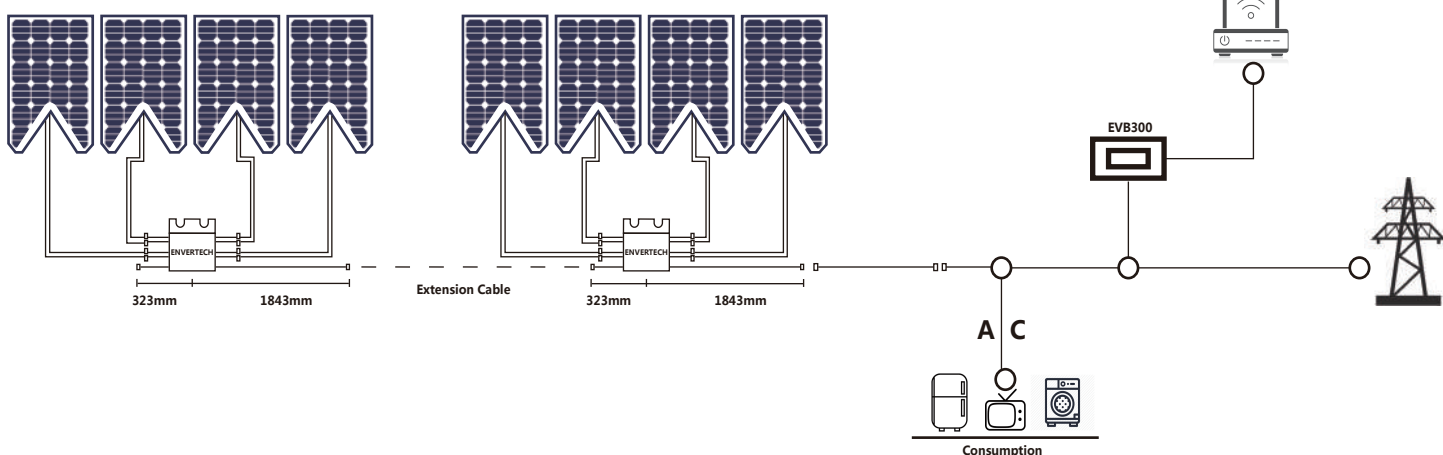
Peak Inverter Efficiency	95.6%
EURO Weighted Efficiency	95%
MPPT Efficiency	99.9%
Nighttime Power Consumption	< 100mW

Features

Communication	PLCC (Power Line Carrier Communication)
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
Dimensions (W*H*D)	316.5mm*189mm*46mm



Monitoring Device EVB300

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