## MICROINVERTER

## EVT300

Connected to one single panel.













Hand-in-hand design. Fewer add-ons. Faster installation.







## DATASHEET

Model	EVT300
Input Data (DC)	
Recommended Module Power Range(STC)	180W - 420W+
Max. DC Input (V)	54V
Max. Input Short-circuit Current (A)	15A
Operating Range (V)	18V-54V
Max. Input Continuous Current (A)	12A
MPPT Voltage Range (V)	24V-45V
Output [	Data (AC)
Normal Voltage (V)	230V
Current (Max.Continuous) (A)	1.36A
Frequency (Hz)	50Hz

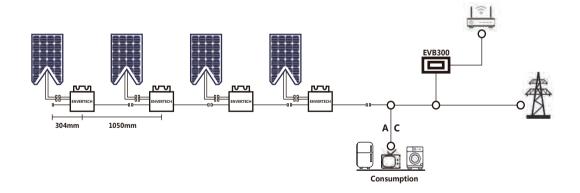
300W

330W

+/-0.95 <3%

20 Units (12AWG Cable)

Efficiency	
Peak Inverter Efficiency	95.4%
EURO Weighted Efficiency	95%
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, UTE C15-712-1:2013, VFR 2019
Lifetime	25 Years
Others	
Ingress Protection (IP)	IP 67
Protective Class	Class I
Temperature ( $^{\circ}$ C )	-40°C to +65°C
Relative Humidity	0% - 98%
Overvoltage Category	OVC III (AC Main), OVC II (PV)
Inverter Isolation	□Non-isolated ⊠High Frequency Isolated
Weight	1.8kg
Dimensions (W*H*D)	163mm*216mm*27mm





Power (Max.Continuous) (W)

Peak Power (W)

Power Factor Range

Total Harmonic Distortion

Maximum Units Per Branch





## **Monitoring Device EVB300**

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

