

# MICROINVERTER

# EVT720

Connected to TWO 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.



**ENVERTECH**

[www.envertec.com](http://www.envertec.com)

# DATASHEET

## Model EVT720

### Input Data [DC]

Recommended Input Power Range(STC)	(180W-450W+)*2
Max. DC Input (V)	60V
Max. Input Short-circuit Current (A)	15A
Operating Range (V)	16V-60V
Max. Input Continuous Current (A)	12A*2
MPPT Voltage Range (V)	22V-48V

### Output Data [AC]

Normal Voltage (V)	220V/230V
Frequency (Hz)	50Hz/60Hz
Current (Max.Continuous)	3.27A
Power (Max.Continuous)	720W
Power Factor Range	+/-0.90
Total Harmonic Distortion	<3%
Maximum Units Per Branch	8 Units (12AWG Cable)

### Efficiency

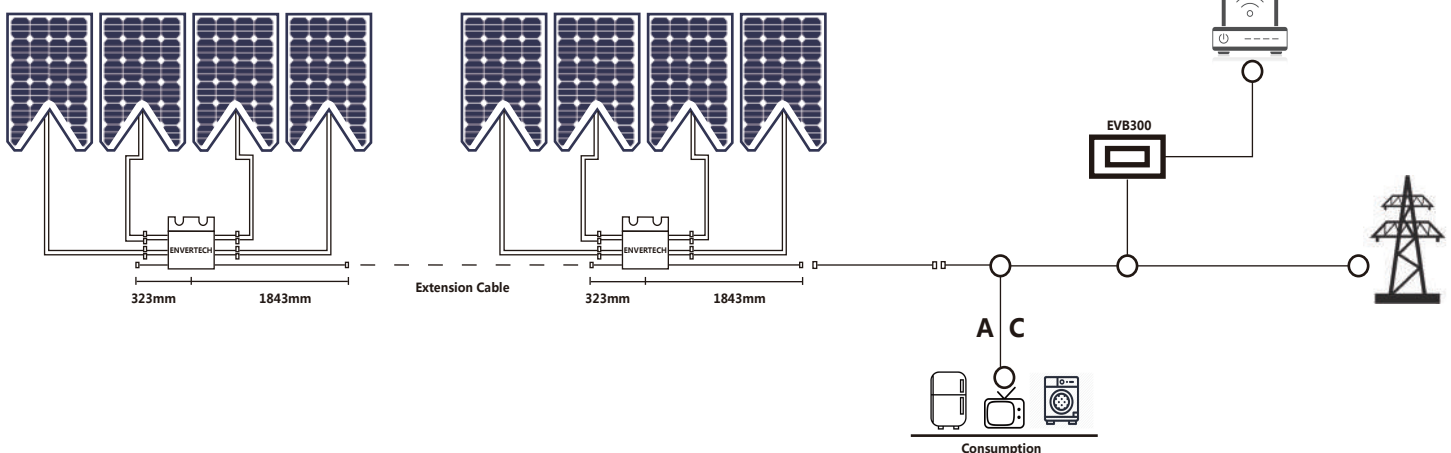
Peak Inverter Efficiency	95.6%
EURO Weighted Efficiency	95%
MPPT Efficiency	99.9%
Nighttime Power Consumption	< 100mW

### Features

Communication	PLCC (Power Line Carrier Communication)
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
Warranty	15 Years

### Others

Ingress Protection (IP)	IP67
Protective Class	Class I
Temperature (C)	-40°C to +65°C
Relative Humidity	0% - 98%
Oversoltage Category	OVC III (AC Main), OVC II (PV)
Inverter Isolation	☑ High Frequency Isolated
Weight	3.8kg
Dimensions (W*H*D)	264 mm x 194 mm x 35.5 mm



## Monitoring Device EVB300

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