

# MONITORING DEVICE

# EVB300

Communication gateway for Envertech microinverters.



## SMART

Online and local smart monitoring and management of Envertech PV system.



## Bi-DIRECTIONAL

MI output power control.  
Remotely setting or upgrading monitors and MIs.



## FLEXIBILITY

Connected by WIFI or RJ45 cable.  
Adapted to both single and 3-phase systems.

## Model

## EVB300

### Features

Communication Method	PLCC (Power Line Carrier Communication)
Monitor mode	Real-time data monitored and remote control on app
Ethernet Connection	TCP/IP
Wireless Communication	WIFI (802.11g/n)
Applicable Voltage	Single Phase / Three-Phase
Storage (Optional)	USB Local Storage
Power Control (Optional)	Automatic Control of Power Output
RS485 Port	Virtual communication port, used for communication and control between RS485 equipment and EVB300.

### Capacity

Number of Devices Connected	Up to 40 Units of PV Modules on Each Phase
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### AC Supply/Consumption

AC Supply	108~264VAC, 47.5~62.0Hz
Power Consumption	3W

### Mechanical Data

Dimensions (W*H*D)	172mm*100mm*45.5mm
Weight	750 g
Cooling	Natural Convection- No Fans
Ambient Temperature Range	-40 C ~ +65 C
Ingress Protection (IP)	IP40

### Compliance & Warranty

Compliance	CE
Warranty	3 Years