

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
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)	IP30
Compliance & Warranty	
Compliance	CE
Warranty	3 Years