

TECHNICAL DATASHEET

Dynamic Load Balancing Management System

BCP-DLB-11/13M // RESIDENTIAL USE // COMMERCIAL USE

Intelligent DLB system BCP-DLB-11/13M for dynamic load management, photovoltaic energy optimization, and automatic consumption balancing. It enables bidirectional monitoring, grid protection, and advanced EV charger control.



- ✓ Smart home energy management with EV charger integration.
- ✓ PV power optimization and dynamic load balancing.
- ✓ Grid overload protection (automatic power adjustment).
- ✓ Bidirectional current, power, and voltage measurement.
- ✓ OLED display with two-button control.
- ✓ RS485 communication via RJ45 (wireless option available).

FEATURES



HIGH EFFICIENCY



ENERGY ANALYTICS



SMART MONITORING



EV CHARGING



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Dynamic Load Balancing Management System

BCP-DLB-11/13M

MODEL	BCP-DLB-01M/ BCP-DLB-11M	BCP-DLB-03M/ BCP-DLB-13M
TECHNICAL DATASHEET		
Phase	Single Phase	Three Phase
Operating Mode		PV
Extreme Mode		√
Night Automatic Full Speed Mode		√
Mode switch		√
Number of Current Transformers	1/2	3/6
Display		OLED
Distance between DLB box and RV charger support		More than 300M
Current Transformer Default Length	1.5m (Can be customized up to 15 meters)	
Installation	Rail installation/Screw fixing	
Communication	RS485 (via RJ45 connector)	