

TECHNICAL DATASHEET

Dynamic Load Balancing Management System

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

Intelligent DLB system BCP-DLB-11 M 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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MODEL		DYNAMIC LOAD BALANCING MANAGEMENT SYSTEM (BCP-DLB-01M/ BCP-DLB-11M)	
TECHNICAL DATASHEET			
Phase		Single Phase	
Operating Mode		PV	
Extreme Mode		√	
Night Automatic Full Speed Mode		√	
Mode switch		√	
Number of Current Transformers		1/2	
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)	