Wallbox DLB Version

3.6kW / 7.2kW / 11kW /22kW

BS20-DLB

Product Overview

Dynamic load balancing safely distributes the energy between an EV and other home appliances.This ensures that when charging a vehicle, you never exceed your home's maximum power consumption.

Intelligent Chip

Automatically fix the non-hardware faults during charging

Colorful LCD Display

Shows the charging status like charging time, voltage, power consumption etc.

Dynamic Load Balancing

Our Dynamic Load Balancing is a hardware accessory sold with our home charging station.

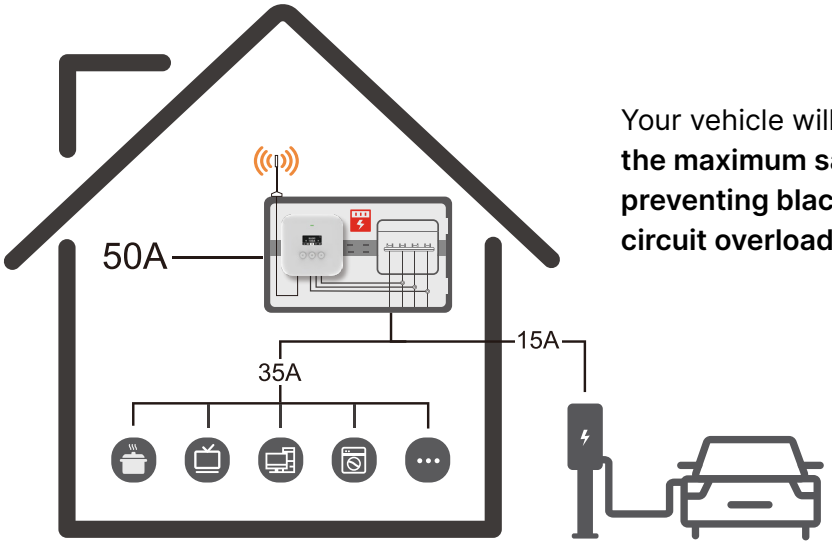
PRODUCT DETAILS

Dynamic Load Balancing for Electric Vehicles

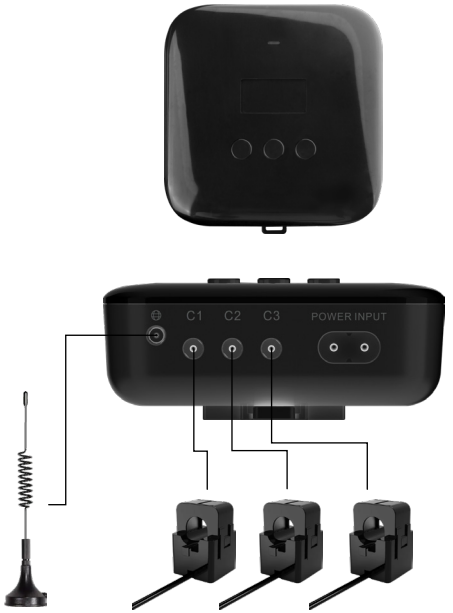
Avoid Costly Grid Expansion

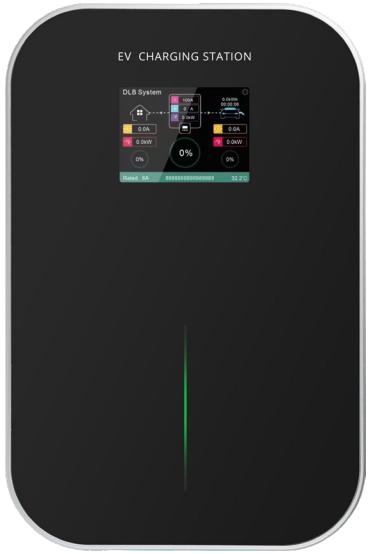
Monitor and Regulate Real-time Energy Consumption

Enhance Charging Efficiency



Your vehicle will charge **at the maximum safe speed, preventing blackouts and circuit overloads.**





FEATURE

- Suitable for installation in various environments.
- Compatible with photovoltaic inverters.
- Easy assembly, no need for adjustments.
- Stable signal transmission with a recognition range of up to 50 meters.
- Precise current control with rapid response.
- Supports one-to-many configurations after future upgrades.

Model BS20-DLB

Input & Output	
Input voltage/Output voltage	AC 230V/400V
Input frequency	47~63Hz
Max. output power	7.2kW(1 Phase)/22kW(3 Phase)
Max. output current	32A
Charging interface type	SAE J1772, IEC 62196-2, GB/T

Mechnical	
Dimension (L/W/D)	295/195/65mm
Weight	6KG-8KG

Certificate	
Certificate	CE

Protection	
Under voltage protection	✓
Over load protection	✓
Short circuit protection	✓
Earth leakage protection	✓
Over-temp protection	✓
Lightning protection	✓

Function	
Dynamic Load Balancing	✓
LCD	3.5-inch color display
RCD	Type A / Type A+6mA DC
LED Indicator light	✓
Intelligent power adjustment	✓

Working Environment	
IP rating	IP66
Environment temperature	-25℃~+55℃
Relative humidity	0-95% non-condensing
Maximum altitude	<2000m
Cooling	Natural air cooling
Standby power consumpiton	<8W