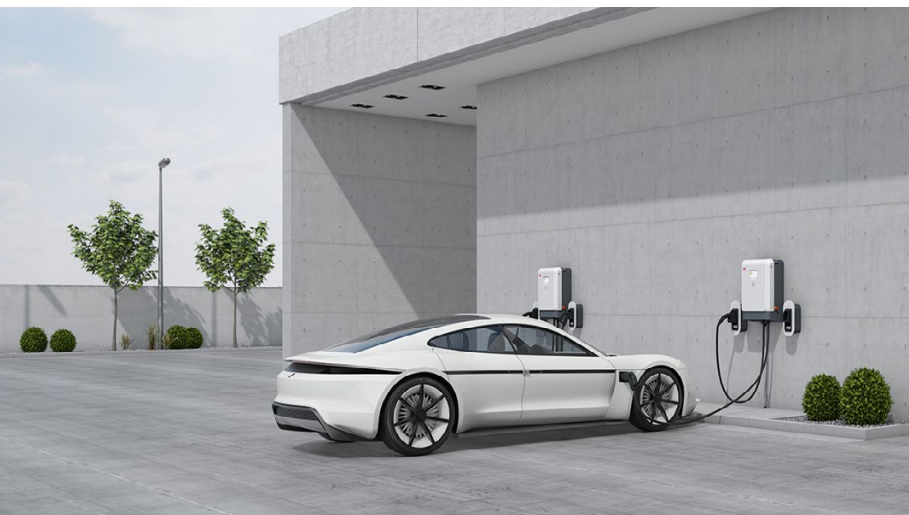


Terra DC Wallbox UL

Stocked for quick delivery



The Terra DC Wallbox is a compact 24 kW DC fast charger that's perfect for auto dealerships, fleets, workplaces and parking sites. With its low-power, high-voltage architecture, the Terra DC Wallbox can be installed at sites with defined or limited available power service – while offering convenient DC charging for every battery electric vehicle.

ABB E-mobility is the global leader in EV infrastructure with the widest range of reliable and intelligent charging technology, backed by a scaled service organization for the highest uptime.

Future-proof “Destination DC” charging

The Terra DC Wallbox is a compact 24 kW DC fast charger with one or two outlets supporting CCS and CHAdeMO protocols.

Low power DC is an ideal solution for use cases demanding shorter charging times and higher charging asset utilization than can be provided by AC charging solutions. With a low power DC solution, charging needs can be met in balance with load demands and infrastructure costs.

Operating the Terra DC Wallbox is easy thanks to a full color, daylight readable touchscreen display. This includes starting and stopping of charge sessions, progress indication during charging, help menus, language selection, and PIN code access control.

Connectivity underpins successful EV charging installations via remote intelligence and business enablement. The Terra DC Wallbox is supported by ABB E-mobility Connected Services which enable OCPP back-end integrations, remote diagnostics, over-the-air updates and firmware upgrades.

Terra DC Wallbox UL configurations

Input phase	Input voltage	kW peak	CCS-only single	CCS + CHAdeMO dual
1	208-240 V	19.5-22.5	X	X
3	480 V	24	X	X

The Terra DC Wallbox is available in multiple configurations to meet varied needs based on use case, power supply, load concerns and expected vehicle profiles.



Terra DC Wallbox UL

A future-proof e-mobility investment

Safe, intelligent and future-proof

ABB's Terra DC Wallbox provides DC fast charging capabilities for customers looking for a fast charge with a smaller footprint and lower installation costs. Offering up to 24 kW in peak output power, the Terra DC Wallbox provides a solution for destination and overnight charging.

Main features

- DC output voltage range from 150 to 920 VDC
- Flexible configurations available for single-phase (208-240 VAC) or three-phase (480 VAC)
- Enables CCS1 only or CCS1 and CHAdeMO
- Daylight readable 7" full color touchscreen display
- OCPP 1.6 ready
- Remote services and updates
- Compact design
- Robust all-weather indoor and outdoor enclosure
- RFID reader
- ENERGY STAR® certified

Key optional features

- On-screen PIN code authorization
- Input current limiting software to match site requirements
- Web tools for statistics, configuration, access management, remote diagnostics and repair
- Integration with back offices and payment platforms
- Premium cable holsters tailored to CCS and CHAdeMO connector types
- Pedestal mounted option available



01 Terra DC Wallbox single-outlet CCS-only



02 Terra DC Wallbox dual-outlet CCS and CHAdeMO



Power level

- 19.5 kW at 208 V (1-phase)
- 22.5 kW at 240V (1-phase)
- 24 kW at 480 V (3-phase)



Charging standards

- CCS-only
- CCS+CHAdeMO



Mounting & cables

- Wall-mounted
- Pedestal option with cable management



User access & payment

- RFID-enabled
- OCPP integration options
- ISO 15118 option



Connectivity & services

- 24/7 remote services
- Service level agreements
- Interoperability validation
- Training programs



Link to the Terra DC Wallbox UL Data Sheet for detailed information.

Terra DC Wallbox

Destination DC for right sized charging

Destination DC: Use cases



Dealers

Vehicle dealer sites for customers and service centers.



Multi-family

Multi-tenant homes, residential communities



Public commercial

Shopping, dining, entertainment centers and parking complexes.



Fleets

Delivery vehicles, bus depots, car rental, ride hail and trucking



Workplace

Offices and facilities where employees and visitors may park.



Right of Way parking

On-street designated public parking

Destination DC: Charging times

Vehicle type	Battery profile	Charging time (hours) 208-240 V / 480 V
 Light-duty	60 kWh BEV / 400 VDC	2 / 1.75
	90 kWh BEV / 400 VDC	3 / 2.5
	100 kWh BEV / 800 VDC	3.25 / 2.75
 Medium-duty	150 kWh BEV / 800 VDC	5 / 4.25
	200 kWh BEV / 800 VDC	6.5 / 5.5
 Heavy-duty	300 kWh BEV / 800 VDC	9.75 / 8.25

Charge times shown are based on vehicle battery management system (BMS) requesting charging power from 20% to 80% under mild environmental conditions. Data assumes vehicles capable of charging at rated power.



ABB E-mobility Services



Remote services

- Round the clock connectivity
- Remote services
- Remote diagnostics
- Firmware upgrades
- Web tools



Service & parts

- Warranty execution
- Service level agreements
- Preventive maintenance
- Corrective services
- Spare parts programs



Training

- Online training
- Product and service classroom training
- Customized programs
- Third-party service programs



Software services

- OCPP integration
- Plug and charge integration
- Interoperability testing and validation

Terra DC Wallbox: Designed for charging at any location

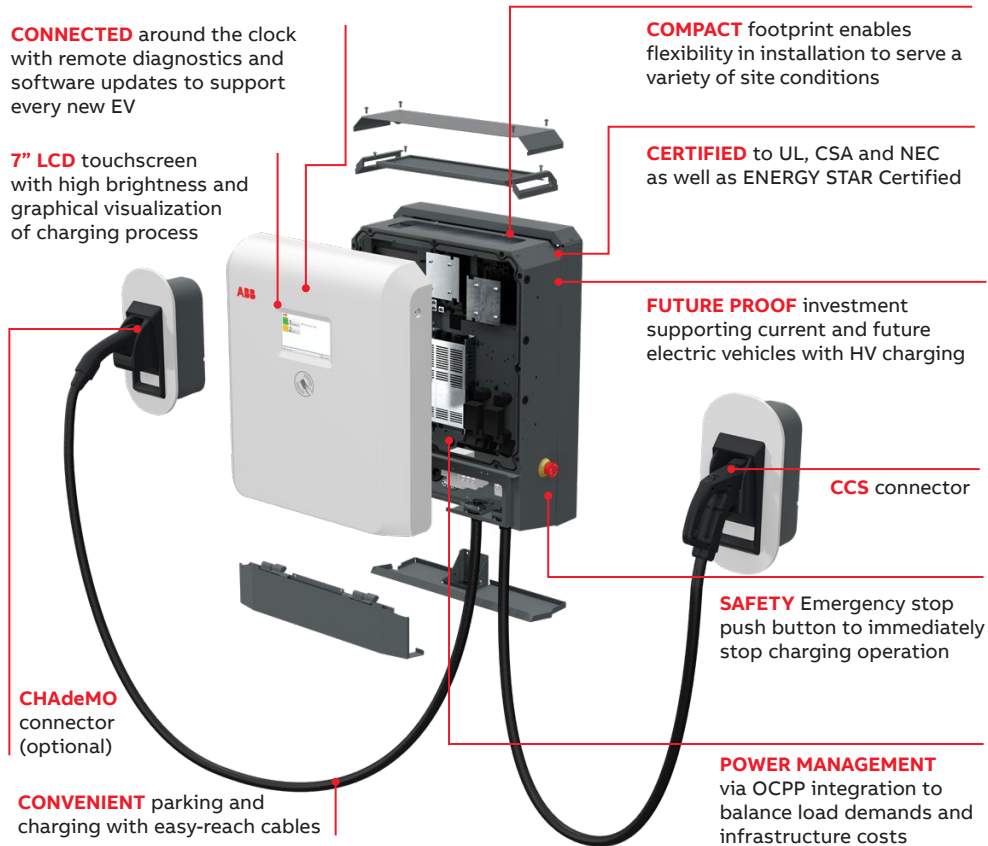


ABB E-mobility experience

1M
chargers sold globally including 50,000 DC fast chargers

85+
countries with ABB E-mobility chargers installed

1500+
talented employees supporting our zero-emission future

12+
years' experience deploying EV charging technology

450
kW max power in a full range of products and use cases

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