

DIRECTPOWERPS™

**DC WALLBOX &
DC PORTABLE**

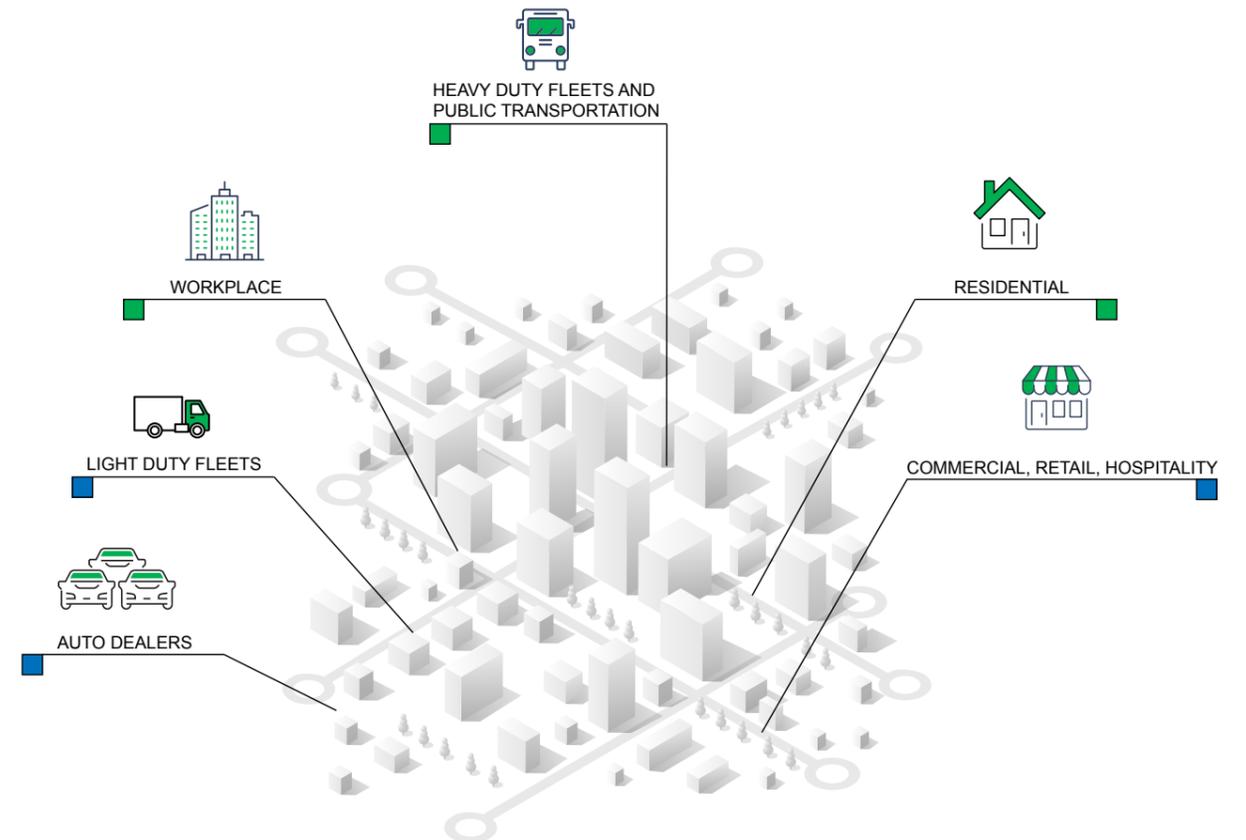




- **DC Wallbox Ideal For:**
 - Residential
 - Workplace
 - C&I (Commercial retail & hospitality)
 - Fleets
 - Auto dealers
- **DC Portable Ideal For:**
 - Fleets
 - Auto dealers
 - C&I (Commercial retail & hospitality)

DC WALLBOX & DC PORTABLE

Designed for all your needs and applicable to a wide variety of industries



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|-------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------|
| <p>Residential:
Homeowners who own or plan to own an EV.</p> | <p>Workplace:
Businesses that provide EV charging for their employees and visitors.</p> | <p>C&I:
Commercial, retail and hospitality venues that offer EV charging for their customers and guests.</p> | <p>OEM Dealers & Workshops:
Auto Dealerships Selling and Servicing EVs, Including Heavy Electric Vehicles (Trucks & Buses)</p> | <p>Fleets & Logistics Hubs:
Organizations that operate multiple EVs for transportation or delivery purposes.</p> |
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DC WALLBOX & DC PORTABLE

DC Wallbox and DC Portable are innovative EV charging solutions that accommodate different customer needs. That Both chargers feature a dual connector DC design, that can deliver a maximum DC output of 60kW.

DC Wallbox is a compact and modular charger that can be installed on a wall or a pedestal, ideal for residential and workplace, C&I (Commercial retail & hospitality), Fleets, Auto dealers settings.

DC Portable is a flexible and mobile charger that can be mounted on a four-wheeled kart, perfect for C&I, auto dealers, and fleets. Both chargers are compatible with all types of vehicles and offer fast and reliable charging performance.

TAILORED FOR ANY SOLUTION

Nidec DC Wallbox and DC Portable is ideal for any charging need. Configure the charger to suit your preferences!

DC Wallbox



DC WALLBOX WALL MOUNTED

The DC Wallbox mounted on the wall is designed to **minimize the installation space** and ensure an easy use of the charger even in the most constricted conditions.

Its compact design seamlessly integrates into **any environment**, even when it's tight like underground parking.

The **robust connector holders** keep cables neatly in place, eliminating tripping hazards and maintaining a tidy charging area.



DC WALLBOX ON THE PEDESTAL

The DC Wallbox on the **pedestal** is designed to provide a comfortable and convenient charging experience for the user.

The sleek pedestal allows easy installation in any location.

The **flexible cable management system** allows the user to easily plug and unplug the plug without any hassle or strain.

The height is optimized to ensure perfect screen **visibility** and **easy accessibility** to the connectors.

DC Portable



DC PORTABLE

The DC Portable on the **four-wheeled** kart is designed to offer mobility and versatility.

The charger **can be relocated** and positioned anywhere, according to the user's preference and convenience.

The **top mounted handles** allow the user to easily move the charger if needed, without any tools or assistance.

The user interface is placed on the top of the charger, making it **easy to use** and monitor the charging status.



CUSTOMIZABLE OPTIONS

1. 2 power levels: 30kW or 60kW
2. Up to 2 DC Connectors (CCS)
3. Flexible Cable Management
4. Length of connectors: 5,7,10 meters
5. Industrial socket on the kart: 63A
6. Connector holder that can fit the DC connectors and can be mounted on the wall or on the pedestal, or on the kart
7. Cable holder where to wrap the cables when they are not in use
8. Up to 2 modems for connecting to the OCPP backend and Nidec BYB (By Your Side) maintenance platform
9. Payment terminal
10. Stop button



FUTURE-READY CHARGING, BUILT FOR EVERY LOCATION.

The 60 kW DC Wallbox is designed with flexibility at its core, ensuring your charging solution remains future-ready. Its modular architecture adapts quickly to diverse environments, from commercial spaces to industrial sites, while keeping installation simple and infrastructure costs low. With upgrade options available anytime, this smart, scalable design delivers reliable performance and efficiency wherever your business needs it.

Future-proof



The modular and industrial design enables **scalability** and **simple maintenance**, **future proofing** your investment.

User friendly experience



Start and monitor your charging session with few taps. The **12" touchscreen** ensure a **user-friendly experience**.

Securing your connection



Separated 4G modem and/or ethernet connection connections for your OCPP backend and Nidec's platform to ensure that your data is **secure**.

Reliability



Meticulously engineered with **premium components and materials** for exceptional **durability and reliability**, our products are designed and manufactured in Europe to meet the **highest standards of quality and safety**

Empowering safety



Enhanced with multiple **safety** features: overvoltage, overcurrent, short-circuit protections and optional **emergency stop button**.

Fast, Smart & Compact



Fast charge up to 60kW three vehicles simultaneously. The **smart** and **compact** solution that dynamically **shares the power** for optimal charging.

LIGHTWEIGHT POWER MODULES:

less than 15 kg. They can be easily replaced by one single person and no special tools are required

SIMPLE MAINTENANCE - CONVENIENT ACCESS:

all components are replaceable with ease.

MAXIMIZE THE UPTIME:

Keep the charger always online with the two independent modems and power modules.

CONNECT TO NIDEC BYS:

remotely manage, monitor and update your charger to have complete control.



TECHNICAL DATA

	DC WALLBOX	DC PORTABLE	
INPUT	Earthing systems	TT, TN	
	Input voltage	400VAC (±10%), 50/60 Hz (±5%)	
	Input current	Up to 100A	Up to 100A or 63A
	Input power	Up to 64kVA	Up to 64 kVA or Up to 43kVA
	Protections	Overcurrent, overvoltage Type I+II, integrated surge protection, overtemperature, ground fault including DC leakage protection	
OUTPUT	Charge mode	Mode 4 for DC connectors	
	Number of outputs	2 DC or 1DC	
	Cable length	5m, 7.5m & 10m	
	DC Output power	Up to 60kW	Up to 60kW or Up to 40kW
	DC Output voltage	150 V to 1000 V	
	Output current	CCS2 up to 250A	
	Dynamic power sharing	The available power is shared between the DC connectors during charging	
INTERFACE	Efficiency	95% at full load	
	Connection	Ethernet, Modbus TCP, 3G/4G (optional)	
	User interface display	15.6" touchscreen and status LED lights	
	Authentication method	Free Vending Mode, RFID, App, Payment terminal with Pin pad (optional) Plug and Charge ready, AutoCharge	
	Protocol	OCPP 1.6J/OCPP 2.0.1	
	Emergency stop button	Optional	
MECHANICAL	Connection/service	Nidec By Your Side (BYS) for remote monitoring and control	
	Product dimensions (HxWxD)	DC Wallbox: 1000 x 600 x 400 mm On pedestal: 2000 x 600 x 400 mm	DC Portable : 1390 x 860 x 670 mm
	Weight	DC Wallbox: 160 kg with 60kW Wall mounting plate: 18 kg Pedestal: 45 kg	DC Wallbox: 160 kg with 60kW DC Portable kart: 35 kg
	Material	Corrosion-protected steel	
	Customization	Customizable with end user's colours and logos (optional)	
WORKING AND INSTALLATION CONDITIONS	Operating temperature	-25°C +50°C (-30°C as option)	
	Installation type	Indoor and Outdoor	
	Installation type	Wall or Pedestal mounted	
	Protection class	IP54	
	Protection against mechanical impact	IK10	
	Humidity	From 5% to 95% without condensing	
STANDARDS	Maximum operating altitude	2000 m	
	Communication & Charger Standards	IEC 61851-1, IEC 61851-22, IEC 61851-23, IEC 61851-24, DIN 70121, ISO 15118, VDV 261	
	Energy metering	Certified MID/LNE	
	RFID Standards	ISO14443A/B, ISO18092	
RED Directives	EN 301 489, EN 300 328, EN 301 511, EN 301 908, EN 18031		



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