

Post eSpeed Basic

Post DC Charger for workshops and fleet depots

Application

Designed to be installed in outdoor/ indoor private access environments (electric car and bus fleets, dealerships, companies, rental car companies...) where their DC output capability offer an extra power which improve the user and/or operator experience.

Concept Design

Designed to provide faster DC charging in electric vehicles with large battery capacity greatly reducing the charging time provided by AC charging 3.6-22kW (5-7 hours). It supplies up to 25 kW continuously, between 150V and 950V, allowing fast charging without the need for expensive high-power facility.

It shares the unique front door concept of the successful eVolve series, so beyond its modern lines and rugged casing, harsh weather conditions and user-friendly operation have been considered.



Product highlights

- Its **modular power technology** ensures a very high uptime (reducing the non-operation expenditure) since in case of power module failure the replacement is an easy & quick task.
- Its **frontal key-locked door** provides an easy access to the inside of the charger which results in a lower OpEx (Operating Expenditure) due to a quicker installation and service (preventive/corrective). Moreover, it allows the charger to be installed next to a wall, optimizing the available space.
- Lower energy consumption (and therefore OpEx) is achieved due to a **sustained high efficiency** level resulting from disconnecting the power module when the EV is not demanding energy for charge.
- Aluminium and ABS plastic **housing** have been combined in a robust structural design that provides protection to both mechanical stress and severe environmental conditions, increasing the charger lifespan.
- User satisfaction thanks to quick and easy interaction with the charger using the **Start/Stop buttons**. This also implies a lower standby consumption and number of possible repairable devices.
- **RGB colour indicator** to indicate the charging status and provide a quick and easy-to-use interaction with the charger.
- **DC compact design** to reduce foot print of the charger delivering more power than other public road AC chargers in the same space. Less charging time so increased user's satisfaction.
- eSpeed series includes the necessary **electrical protections** to avoid any human safety risk.
- Its designed based on future-proof technology with a **wide voltage range** (200-920) that allows charging of upcoming new vehicles and heavy duty vehicles.

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General Specifications

AC Input	400V +/- 10% three-phase
Power Factor	> 0.95
Efficiency	94% at nominal output power
Ambient temperature storage	-40 °C to +60 °C
Frequency	50 / 60Hz
Power Limit Control	DC output software limitation
Enclosure rating	IP54 & IK10
Cable support	Connector holder integrated
Environment	Indoor, Outdoor
Noise level	< 55dBA
Dimensions (W x H x D)	Compact (450 x 1550 x 290)
Weight	55 Kg
Operating Humidity	Up to 95%
Operating Temperature	-10°C to +45°C
Lights for status indication	RGB colour indicator
Start / Stop system	Physical buttons
Charging protocols	CCS or CHA
Tethered cable lenght	3 m

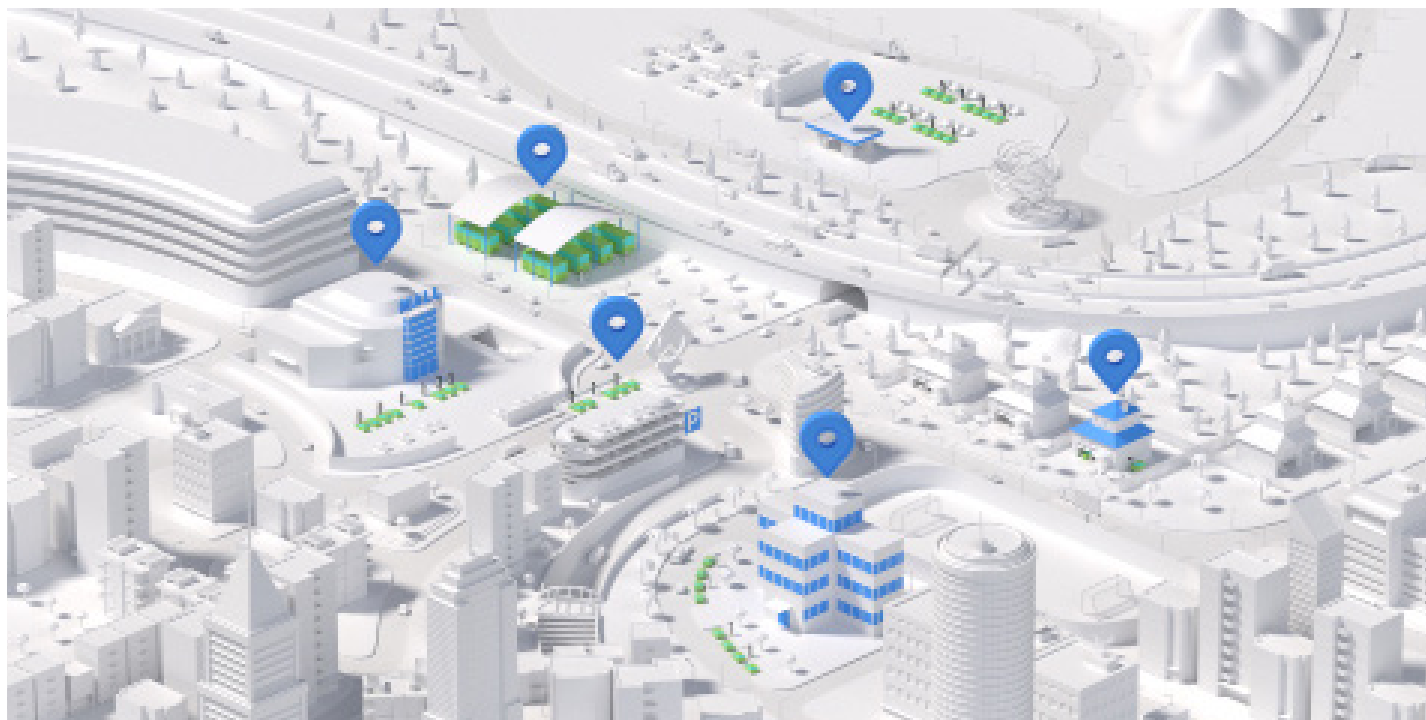
Optional devices

Safety Protections	RCD 30mA type B
Over current protections	MCB (Curve C)
Tethered cable lenght	5.5 m
Anti-vandal door lock	Key lock

Model Specifications

Required power supply capacity	27KVA
Maximum AC input current	38A
Maximum output power	25KW
Maximum output current	80A
Output voltage	150-950Vdc
Number of plugs	1
Connection	 CCS2
Compliance	CE / Combo (DIN 70121; ISO15118) EN61851-1; EN61851-23 CHAdeMO compatible

Market Segments



Please note that this is a preliminary datasheet—the final product and data are subject to change