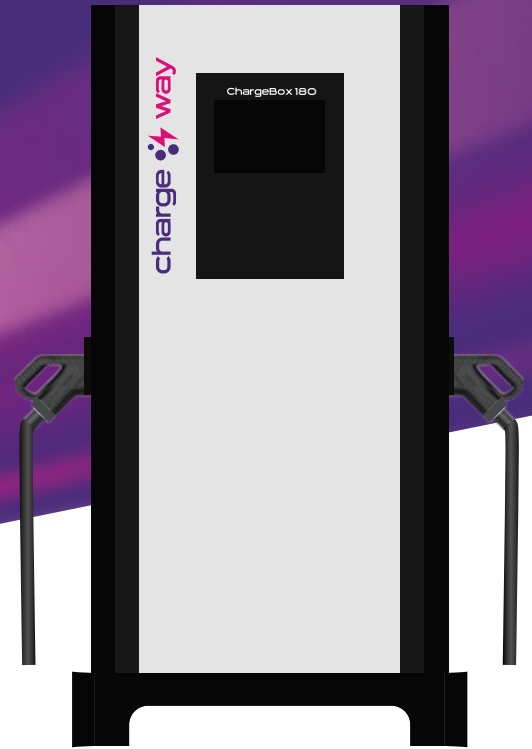




ChargeBox 180



Get access to the latest EV charging experience.

ChargeWay offers a range of premier electric vehicle chargers aimed at revolutionizing the EV charging infrastructure scenario in India. Our smart DC charging solutions are available in power levels ranging from 30kW to 180kW and are equipped with advanced safety and connectivity features, ensuring a smooth, effortless, and comprehensive charging experience for both public and private environments.

Charge Box is a range of premier electric vehicle chargers of "ChargeWay" brand which is a proud initiative of Sterling Green Power Solutions Private Limited, a company owned by Shapoorji Pallonji group and Khurshed Daruvala, Chairman of Sterling and Wilson group.

WHY ChargeBox?

| EASY TO USE

A Standalone Connect and Charge feature is available

| ACCESSIBLE

Effortless handling of RFID cards, charging sessions, and seamless integration with the CMS dashboard

| FLEXIBLE CONFIGURATION

Web application for feature configuration, commissioning and debugging

| MAINTENANCE

Low maintenance and longer functional life of gun cable with on-sight replaceable mating face frames for CCS2 gun connectors

| PRIORITY CHARGING

Dynamic Power Sharing between the guns during the charging sessions

| CONNECTIVITY

Wi-Fi and GSM connectivity for real-time monitoring and managing charging sessions

| RELIABILITY

Our chargers use a Class B Power Module and use high-quality components, ensuring superior reliability and performance

| COMMUNICATION PROTOCOL

Connect any backend, based on OCPP 1.6 or with OCPP 2.0.1

| CABINET DESIGN

Robust construction with an enclosure made of GI (Galvanized Iron) sheet, powder coated for enhanced durability and protection against environmental factors

SPECIFICATIONS

Input	> Input Power	> 415V $\pm$ 10%
	> Input Current	> 270A
	> Input frequency	> 50Hz
	> Input Connection	> L1, L2, L3, N, PE
	> Power Factor	> ≥ 0.98 at nominal output power
	> Current THD	> $\leq 5\%$ at nominal output power
	> Efficiency	> $\geq 95\%$ at nominal output power
Output	> Output Power	> 180kW
	> Output Voltage	> Upto 1000V
	> Output Current	> 200A
	> No. of Outputs	> 2
	> Output Connector	> IEC 62196-3 (CCS2)
User Interface	> Display	> 10" TFT Color Touch Screen
	> LED Indication	> Dynamic LED Indication
	> Authentication	> Mobile App, RFID, Connect and Charge
	> Push Button	> Emergency Stop Button
Communication	> Network Interface	> Wi-Fi, Ethernet, GSM
	> Charger and CMS	> OCPP 1.6 upgradable upto OCPP 2.0.1
Protection	> Safety Parameters	> Over current, short circuit, under voltage, over voltage, residual current, surge protection, ground fault protection, emergency shutdown, over temperature protection and protection against electric shock
Mechanical	> Ambient Temperature	> -25°C to 55°C
	> Altitude	> <2000mtr
	> Humidity	> 5% to 95%, non condensing
	> Ingress Protection	> IP 54
	> Charging Cable Length	> 5mtrs
	> Cooling	> Forced Cooling
	> Installation	> Stand
	> Dimensions (W x D x H)	> 940mm X 770mm X 1800mm (enclosure)