Powered by Sterling Green Power Solutions Pvt. Ltd.

Chargeway offers a premium range of world-class electric Vehicle chargers with an aim to revolutionize the EV charging infrastructure scenario in India. Through Chargeway, we will create a sustainable future, while addressing our customers' needs by offering expertly designed and engineered solutions.

This is a step towards environmental sustainability and a greener future while benefitting Indian consumers with a vast range of innovative electric vehicle charging technology.

About Chargeway

Chargeway offers a range of premium electric vehicle chargers aimed at revolutionizing the EV charging infrastructure in India. We provide a comprehensive range of EV charging solutions, including AC chargers (3.3kW to 22kW) and DC fast chargers (30kW to 240kW).

Chargeway is a proud initiative of Sterling Green Power Solutions Pvt. Ltd., a leading provider of sustainable energy solutions. Sterling Green is owned by the Shapoorji Pallonji Group and Khurshed Daruvala, Chairman of Sterling and Wilson Group.

Shapoorji Pallonji Group
One of India's leading conglomerates with 150+ years of legacy in infrastructure and real estate, delivering iconic projects

Sterling and Wilson Group
World's largest EPC provider with 90+ years of industry presence and operations in 28 countries

Sterling Green Power Solutions
A leading provider of power solutions, committed to global energy needs and a greener future

E-Mobility > Chargeway
Revolutionizing EV infrastructure with high- performance chargers - engineered for sustainability

ChargeBox AC Chargers

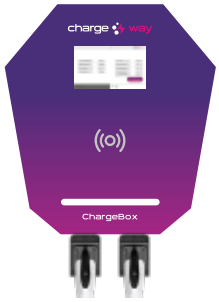
Smart and Complete Charging Solutions

ChargeBox AC chargers are offering smart and complete solutions for both private and public environments.

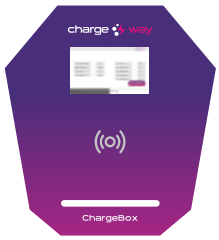
Available Models

Single Gun
3.3kW to 22kW

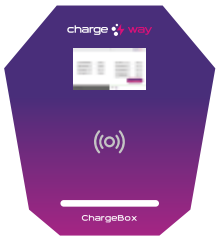
Hybrid - Gun and Socket 14kW



Dual Gun 15kW



Bharat AC 001 Single and triple socket



Socket 3.3kW

Key Features of ChargeBox AC Chargers

Safety: Overcurrent, overvoltage, undervoltage protection, ground fault detection, surge protection, emergency stop button.

Accessible: Manage RFID cards, charging sessions, and reports via CMS dash-boards.

Installation:
Easy to install in smart cities, fleets, petrol pumps, malls, hotels, and residential and commercial parking areas.

Available in 3 variants for connectivity and display

- Eco – Ethernet, RFID and Wi-Fi
- Pro – Ethernet, RFID, Wi-Fi and GSM
- Pro+ – Ethernet, RFID, Wi-Fi, GSM and LCD display screen

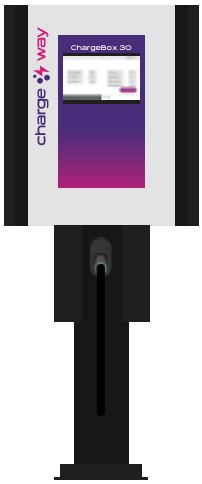
Datasheet for AC Chargers

Rated Power		3.3kW	7.4kW	AC -001	11kW	Hybrid	15kW Dual Gun	22kW
Input	Input Power	3.3kW	7.4kW	9.9kW	11kW	14kW	15kW	22kW
	Input Voltage	240V ± 10%		415V ± 10%				
	Input Current	16A	32A	16A		32A		
	Input Connection	L, N, PE		L1, L2, L3, N, PE				
	Frequency (Hz)	45 ~ 55						
Output	Charging Mode	Mode 3						
	Output Power	3.3kW	7.4kW	3 x 3.3kW	11kW	3.3 + 3.3 + 7.4kW	2 x 7.4kW	22kW
	Output Current	16A	32A	16A Each Socket	16A	16A + 16A + 32A	32A	32A
	Output Connector	Type 2 or Domestic Socket	Type 2	Domestic Socket	Type 2	1 X Type 2, 2 X Domestic Socket	2 X Type 2	Type 2
	No. of Outputs	1	1	3	1	3	2	1
User Interface	LED Indication	Yes						
	Authentication	Mobile App, RFID, Connect and Charge						
	Push Button	Emergency stop button						
	Display	Optional						
Communication	Charger and CMS	OCPP 1.6J						
	Network Interface	Standard- Wi-Fi & Ethernet | Optional- GSM						
Protection	Safety Parameters	Over current, under voltage, over voltage, residual current, surge protection, short circuit, ground fault protection, emergency shutdown with alarm, over temperature 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						
	Cooling	Natural Cooling						
	Charging Cable Length	5mtrs						
	Installation	Wall Mounted / Stand						
	Enclosure Dimensions (WxHxD)	215mm X 315mm X 150mm		300mm X 390mm X 165mm				
Regulation	Compliance	IEC 61851						

ChargeBox DC Chargers

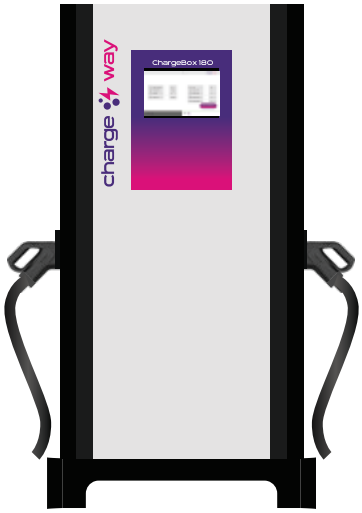
Accelerating the Future of Electric Mobility

Electric Vehicle (EV) DC fast chargers, deliver high-power direct current (DC) to quickly recharge EV batteries, significantly reducing charging time compared to AC chargers.



30kW Wall / Stand Mount DC Fast Charger

60kW – 120kW Floor Mount DC Fast Charger Mount



180kW – 240kW DC Ultra Fast Chargers

Key Benefits of Chargebox DC Chargers

Maintenance:
Low maintenance with longer functional life of gun cable; on-site replaceable mating face frames for CCS2 gun connectors.

Cabinet Design:
Robust construction with a GI (Galvanized Iron) sheet enclosure, powder-coated for enhanced durability and environmental protection.

Reliability:
Class B power module and high-quality components for superior reliability and performance.

DC Insulation Monitoring:
Chargers are equipped with an insulation monitoring device on DC side, ensuring continous safety & operational relaibility.

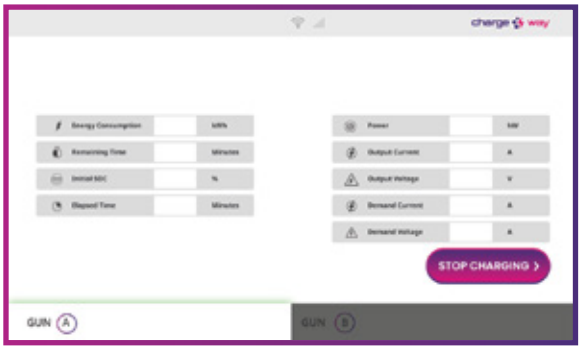
Datasheet for DC Chargers

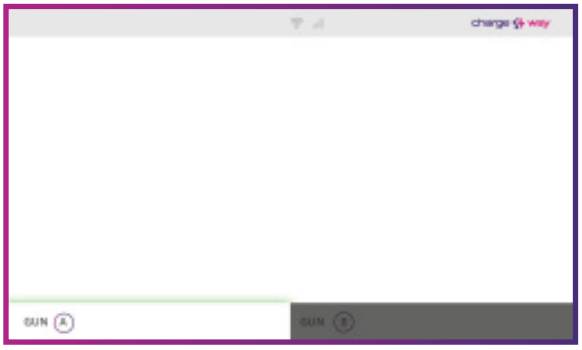
Rated Power		30kW	60kW	120kW	180kW	240kW
Input	Input Power	33kW	66kW	132kW	198kW	264kW
	Input Voltage	415V ± 10%				
	Input Current	45A	90A	180A	270A	360A
	Input Connection	L1, L2, L3, N, PE				
	Frequency (Hz)	45 ~ 55				
Output	Charging Mode	Mode 3				
	Output Power	30kW	60kW	120kW	180kW	240kW
	Output Current	80A	150A	200A	200A	200A
	Output Connector	CCS2				
	No. of Outputs	1	2	2	2	2
User Interface	LED Indication	Yes				
	Authentication	Mobile App, RFID, Connect and Charge				
	Push Button	Emergency stop button				
	Display	10" TFT Color Touch Screen				
Communication	Charger and CMS	OCPP 1.6 upgradable upto OCPP 2.0.1				
	Network Interface	Wifi, Eathernet & GSM				
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				
	Cooling	Forced Air Cooling				
	Charging Cable Length	5mtrs				
	Installation	Wall Mount / Stand	Floor Mount			
	Enclosure Dimensions (WxHxD)	740mm X 420mm X 850mm	940mm X 770mm X 1800mm			
Regulation	Compliance	IEC 61851 & IS17017				

Intuitive HMI

Accelerating the Future of Electric Mobility

Our user-friendly HMI (Human-Machine Interface) display ensures a seamless and hassle-free charging experience, offering clear and easy-to-navigate controls for efficient operation and real-time monitoring.





Charging Management System

Enhanced Charging Network Management

Charging Management System (CMS) connectivity is crucial for managing and optimizing EV charging networks. Chargeway's partnership with various CMS providers integrates advanced CMS technology into our chargers, offering remote monitoring, real-time diagnostics, and improved energy management.

Key Benefits of CMS

Enhanced Efficiency:
Streamlines management tasks and reduces maintenance costs.

Increased Reliability:
Predictive maintenance improves charger uptime.

Improved Visibility:
CMS platform ensures chargers are easily accessible and operational.

Greater Satisfaction:
Optimizes operations and enhances user experience.

Unmanned Operation
In app charger access & payment systems helps for complete unmanned operations.

Why Chargeway

DC Insulation Monitoring for Enhanced Safety.

Our DC fast chargers come equipped with an insulation monitoring device on the DC side, ensuring continuous safety and operational reliability.

By monitoring insulation resistance, we ensure that users are protected from potential electrical hazards during the charging process.

The insulation monitoring device ensures that our chargers meet all necessary safety and regulatory stadards, providing peace of mind for both operators and users.

Manufacturing and R&D capabilities

Asia's largest integrated Genset and EV Charger manufacturing facility spread across 11 acres

Global supply reach to 50+ countries

Inhouse R&D centre and engineering capability

Manufacturing capacity planned for EV specific requirements from 3.3kW till 240 kW chargers

Test bench with 3,000 kW single load bank

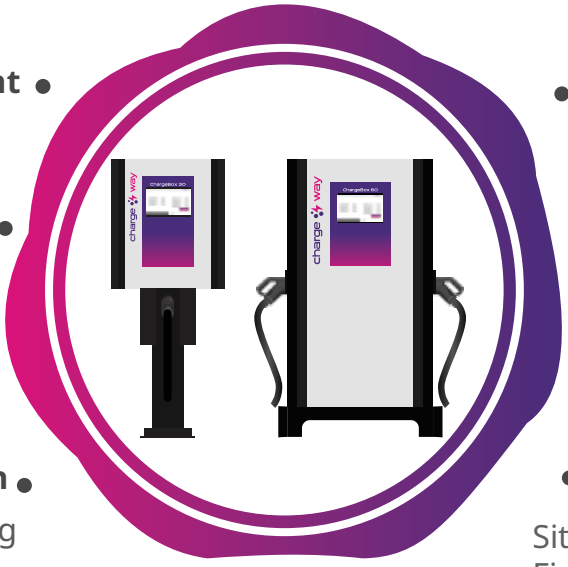
Inhouse testing facility along with high ambient temperature testing setup

Complete One Stop Solution

Redefining the EV Charging Experience With a Complete Value Chain Approach

EV Charging Solutions

- **Research & Development**
- **Production/Assembly**
- **End Users**
- **Customers**



- **Software & Integration**

Device status monitoring
CMS integration
Software as a service-
Customizations
Charge point aggregator
Charging Data

- **Installation**

- **Services**

Site assessment
Field support
Maintenance contracts
Spare parts
Product upgrades
Training
Optimization consultancy

PAN India Service Network

- A dedicated team of around 100 engineers stationed at 21 locations across India, ensuring comprehensive aftersales service coverage throughout the country.

- With 11 spare part depots across India, we aim rapid spare part supply to minimize downtime and ensure swift resolution of any breakdowns.

Robust Product Development – Design to Manufacturing

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