SERVOTEC

smart power solutions

Taking EV Charging to the Next Level!

Innovating & Transforming Smart Transportation Solutions

With an established footprint across segments and geographies, Servotech has taken up the challenge of Charging the Future of ElectroMobility, creating smart EV charging solutions by cooperating and understanding the unique needs of different stakeholders like utilities, fleet operators, cities, and end-users. Mileage from the most highly perfected and ready-to-implement e-mobility solution in the market, as Servotech enables you to leverage energy-efficient EV-charging systems brought together by a combination of quality research infrastructure, innovative approaches, skilled personnel, and high-performance components.

In its 2 decade-long journey, Servotech Power Systems Limited has emerged as a pioneer in developing intelligent lifestyle solutions by integrating technology and innovation. An NSE-listed company, Servotech is leading the charge in the end-to-end manufacturing, procurement, and distribution of a range of high-end yet customer-focused products which include solar offerings, medical devices, electric vehicle solutions, and smart lighting products.

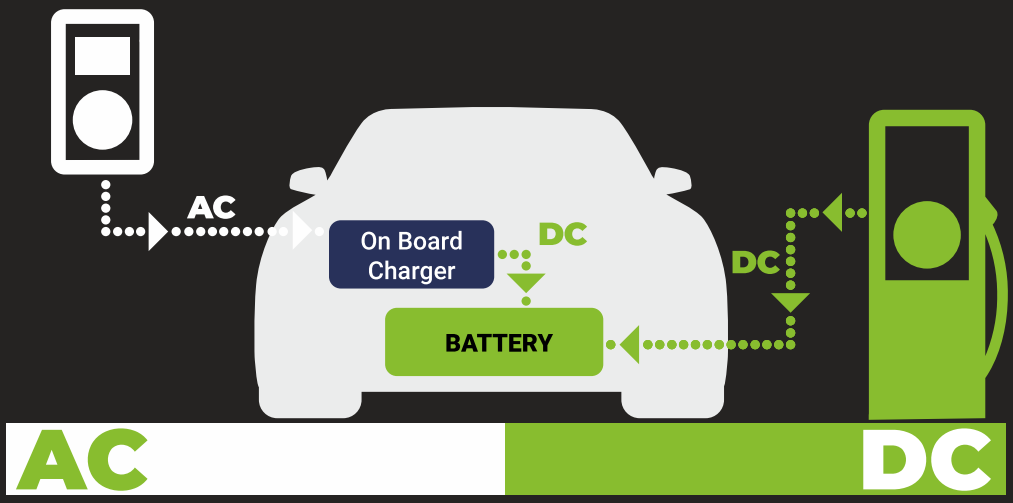
Why EV Charging at your location?

- Appreciate Property Value
- Invite a Greener Tomorrow
- Fulfil Sustainability Commitments
- Augment Brand Value
- Government Standards Compliant
- Dissect the Competition

SERVOTECH
Easy Compatible Chargers

2 Wheelers | E-Rickshaw | 3 Wheelers | 4 Wheelers | Buses

All-EV-Friendly Charging Solutions



AC Charging

All electric vehicles include inbuilt chargers that can convert current before supplying it to the battery. Because they are less expensive to make, install, and run, AC chargers are more ubiquitous in the EV ecosystem.

DC Charging

The converter for a DC charger is included inside the charger itself. That means it can supply power straight to the vehicle's battery, bypassing the onboard charger. When it comes to EVs, DC chargers are bigger, faster, and an amazing development.

Which EV Charger to go for?

Configure your EV needs to different charger specifications:

EV CHARGER TYPE					
Locations	**AC001, 3.3kW-7.2kW**	**11kW - 22AC**	**15kW - 30kW DC**	**50/60 kW DC**	**100 kW - 240 kW DC**
Residential	●				
Work Place	●	●	●		
Commercial (Parking, Hospitals, Malls)	●	●	●	●	
Leisure (Hotels, Museum, Parks)	●	●	●	●	
Highways	●	●	●	●	●

Creating Green Corridor for Greener India help of Oil Marketing Companies

Glimpses of BPCL Project

Glimpses of NAYARA Project

AC Chargers Features

- Smart charging solution – takes care of grid load and varying charging demand
- Supports IEC60309 & IEC 62196 standard connectors
- User-friendly app for EV owners to monitor charging and billing information
- Able to manage power loads, keeping it in sync with the charging load
- Grid responsive metering and billing

Benefits

- Compact Design
- Charging Interface Support
- User Authorization
- Easy Installation

Application

- Commercial
- Parking
- Residential
- Fleet

DC Chargers Features

- Smart charging solution – takes care of grid load and varying charging demand
- Supports CCS-2 connector
- User-friendly app for EV owners to monitor charging and billing information
- Smart card, QR/App Server-based online payment
- Able to manage power loads, keeping it in sync with the charging load
- Grid responsive metering and billing

Benefits

- Interoperability
- Fast Charging
- Connectivity
- Interactive Display
- Set-and-Go
- Charge-all-Together

Application

- EV Bus Station
- Commercial Operators
- Parking
- Parking Garage
- Highway Fuel Stations
- Fleet

AC Chargers

SPARK

Servotech AC EV Charger enables connectivity with the vehicle control system and to assure the vehicle's and crew's safety. Furthermore, depending on how busy the grid is, the charger informs the car of the maximum current it can draw at that time. So that the network is not overburdened, the AC charging station regulates charging based on the current capabilities of the house or charging point.

3.3 kW Charger

- Compatible with 2/3 wheelers
- User authentication via WiFi/GSM/OCPP1.6
- Input voltage: 230 VAC, 50Hz
- Single Phase

7.2 kW Charger

- Compatible with 4 wheelers
- User authentication through WiFi/GSM/OCPP1.6/RFID
- Input voltage: 230 VAC, 50Hz
- Single Phase

10 kW AC 001 Charger

- Supports BEVC-AC001 Specifications
- Compatible with 2/3 wheelers
- User authentication via WiFi/GSM/OCPP1.6/RFID/Ethernet
- Input voltage: 415 VAC, 50Hz
- Three Phase

AC Chargers

SPARK

11 kW Charger

- Compatible with 4 wheelers
- User authentication via WiFi/GSM/OCPP1.6/RFID/Ethernet
- Input voltage: 415 VAC, 50Hz
- Three Phase

14 kW Hybrid Charger

- Compatible with 4 wheelers
- User authentication via WiFi/GSM/OCPP1.6/RFID/Ethernet
- Input voltage: 415 VAC, 50Hz
- Three Phase

22 kW Charger

- Compatible with 4 wheelers
- User authentication via WiFi/GSM/OCPP1.6/RFID/Ethernet
- Input voltage: 415 VAC, 50Hz
- Three Phase

AC Chargers – Technical Specs

Parameters	Details	3.3 KW	3.3 KW	7 KW	7 KW	10KW	14 KW	14 KW	22 KW
		Without HMI	WITH HMI	Without HMI	WITH HMI	WITH HMI	Model 1	Model 2	WITH HMI
Input Power	Rated Power	3.3 KW		7.2kw		10 KW	14 KW		22kw
	Input Voltage	230VAC ±10% , 50Hz				415V AC ±10% , 50Hz (Three phase)			
Output Power	Number of output	1 Nos. Industrial Socket		1 Nos.Type -2 Gun		3 Nos. Industrial Socket	2 Nos. Industrial Socket, 1 Nos. Type 2 Gun		1 Nos. Type 2 Gun
	Output current range	16 Amp		32 Amp		16 Amp	16Amp/32Amp		32A / Phase
	Output charging outlet	Industrial IEC 60309		Type 2 IEC 62196		IEC 60309	IEC 60309 and Type 2 IEC 62196		Type 2 IEC 62196
	Output voltage	230VAC							
Battery Backup	For Billing (Optional)	15 Min							
User interface and control function	DISPLAY	20X4 LCD	4.3 TFT LCD with Touch	20X4 LCD	4.3 TFT LCD with Touch				
	Status Indicator	Provided							
	Push button	Provided							
	User authentication	QR Code +OCPP 1.6							
Environment	Ambient temperature	-30 to 55 deg C							
	Storage temperature	-30 to 70 deg C							
	Operatioinal Temp	-30 to 60 deg C							
	Altitude	< 2000 meters							
	Humidity	upto 95% Non Condensing							
Communication	External (GSM - Optional)	WiFi +4G +LAN +OCPP1.6v							
	Metering and Billing	Wifi/ GSM with SIM, APP Server Based Online Payment, OCPP Based Authentication, Grid Responsive metering - QR code scan/RFID card/APP server based online Payment							
	Charging Operation	RFID /Scan Code/ App APP Based Authentication							
Protection	Input/Output protection	Over/Under voltage protection, Overload protection, Short circuit protection, Current leakage protection Grounding protection, Surge protection, Over/Under temperature protection							
	Mechanical Protection	IP 54							
	Cooling	Natural Cooling							
Regulation	As per	IEC 61851-1:201		IEC 61851-1:2017, IEC 61851-21-2					
	Safety	CE							
	Certificate	ARAI/NABL							
	Optional Accessories Optional	Mounting Column / Piller							
	Mounting	Wall / Pole Mounted							

*Due to continuous improvement technical specifications & product image can change without prior notice.

DC Chargers

SQUAD

Servotech DC chargers are capable of providing DC power to the car right away. The vehicle does not need to convert DC EV charging to AC. Because this method eliminates a stage, it can charge an electric vehicle considerably more quickly. Some of the fastest DC chargers can fully charge a vehicle in less than an hour.

DC Charging Station

15kW | 20kW

- Charging Gun as per CCS 2 Standard.
- 1 Output for Charging Port
- Input Voltage- 3 Phase
- User Authentication- RFID/ QR Code Scan/ OCPP 1.6 J
- Network Connection- 4G Module/Wifi/ Ethernet

DC Charging Station

30kW

- Charging Gun as per CCS 2 Standard.
- 1 Output for Charging Port
- Input Voltage- 3 Phase
- User Authentication- RFID/ QR Code Scan/ OCPP 1.6 J
- Connectivity- GSM / Ethernet / WiFi

DC Charging Station

60kW

- Charging Gun as per CCS 2 Standard.
- 2 Output for Charging Port
- Input Voltage- 3 Phase
- User Authentication- RFID/ QR Code Scan/ OCPP 1.6 J
- Connectivity- GSM / Ethernet / WiFi

DC Chargers – Technical Specs

Parameters	Detail	30kW (Model-I)	30kW (Model-II)
AC Input	Voltage Rating	3-Phase, 415Vac ±10%	
	Max. Input Current	50 Amp (30 KW)	
	Input Frequency	50 Hz ± 1.5Hz or better	
	Current THD	<=5%(50% to 100% load)	
	User Authentication	RFID	
		QR-Code Scan	
		Password	
		OCPP1.6 or better based Mobile App Interface Optional	
Charger interface	Interfacing to App	Ethernet, 3G/4G, Wifi,	
Backup Power- Optional	Input Supply Failure backup for billing unit	Battery backup for minimum 15 minute for the control system and billing unit.	
DC Output	No. of Output Ports	1 Nos . CCS Type 2, 5 meter cable length	
	Output Cable	As per Applicable AIS standard	
	Output Current per gun	100 Amp	
	Power factor	> 0.98	
	Output Voltage	200-750 V DC	
Minimum efficient		92%	
Electrical metering		to comply with IEC 62052-11 and IEC 62053-21	
AC Input Protections	AC Voltage Protection	AC Over-Voltage, AC Under-Voltage	
	AC Current Protection	AC Over Current / Short Circuit	
	AC Safety Protections	Residual current / Ground fault	
		Earth Presence/Connection Monitoring	
		Surge Protection 4kV DM	
		Lightning Protection	
		Reverse Battery Conncetion	
		Over temperature	
Charging Mode	IEC 61815-1 (Mode-4)	IEC 61815-1 (Mode-4)	
Charger and Vehicle Communication	Power Line Communication (PLC)	Power Line Communication (PLC)	
ESD	Emergency shut down button	Emergency Shut Button (ESD)	
Energy Metering	Independent AC Energy Meter for each output and cummulative	Independent AC Energy Meter for each output and cummulative	
Operating Temperature	Operating Temperature	-10 to 55 degC	
Humidity	Enclosure Protection	95% relative humidity, Non-condensing	
Enclosure Protection	Enclosure Protection	IP54 or better	
Cooling Method	Natural / Forced	Natural / FAN Cooling	
Applications	To Charge	4 wheelers compatible with CCS-2	
Altitude		Upto 2000 m	
Keypad	Metallic/Membrane type /Touch screen	Alpha numeric keypad with minimum 12 keys If touch screen is offered it can be integral part of display	
Display	LCD or equivalent screen The following shall be displayed a.KWhr consumed while charging b.Date and time in DD/MM/YYYY, HH:MM c.Total KWHr consumed (Totaliser) - On selection thru key pad d.Output DCV and Amp while charging e.Event logs- On selection basis thru keypad f.Alarms g.All error logs on selection basis on selection basis	**10 inch LCD or equivalent screen** The following shall be displayed a.KWhr consumed while charging b.Date and time in DD/MM/YYYY, HH:MM c.Total KWHr consumed (Totaliser) - On selection thru key pad d.Output DCV and Amp while charging e.Event logs- On selection basis thru keypad f.Alarms g.All error logs on selection basis on selection basis	**4.3 Inch , Optional -7inch LCD** The following shall be displayed a.KWhr consumed while charging b.Date and time in DD/MM/YYYY, HH:MM c.Total KWHr consumed (Totaliser) - On selection thru key pad d.Output DCV and Amp while charging e.Event logs- On selection basis thru keypad f.Alarms g.All error logs on selection basis on selection basis h. Price per unit f. Total amount ,incremented during charging
CEA comliance	Chargers to comly with CEA guidelines	Chargers to comly with CEA guidelines	
Memory storage		To store last 50 event logs	
		To store last 50 charging transactions	
		To have memory of storing price of charging per unit with in the unit	
		To store total charging units (cumulative in KWHr)	
		Charging unit shall be able to take price per unit and billing information inputs thru key pad and store for calculation of amount	
Enclosure	Metal sheet	Metal Sheet	
Enclosure Protection	Protection against mechanical impact	IK10	
	Weight	65 Kg	62 Kg
	Certification	ARAI /ARAI, IEC 61851	
Dimension	Product	459*236*734mm	650*160*550mm

*Due to continuous improvement technical specifications & product image can change without prior notice.

DC Charging Station

SQUAD

120kW

- Charging Gun as per CCS 2 Standard.
- 2 Output for Charging Port
- Input Voltage- 3 Phase
- User Authentication- RFID/ QR Code Scan/ OCPP 1.6 J
- Connectivity- GSM / Ethernet / WiFi

DC Charging Station

SQUAD

180kW | 240kW

- Charging Gun as per CCS 2 Standard.
- 2 Output for Charging Port
- Input Voltage- 3 Phase
- User Authentication- RFID/ QR Code Scan/ OCPP 1.6 J
- Network Connection- 4G Module/ Wifi/ Ethernet

DC Charging Station

SQUAD

360kW

- Charging Gun as per CCS 2 Standard.
- 2 Output for Charging Port
- Input Voltage- 3 Phase
- User Authentication- RFID/ QR Code Scan/ OCPP 1.6 J
- Connectivity- GSM / Ethernet / WiFi

DC Charging Station – Technical Specs

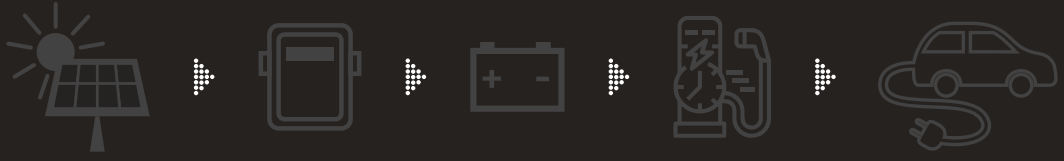
Parameters	Detais	Specifications 50-60kW	Specifications 120 kW	Specifications 240kW	Specifications 360kW
AC Input	Voltage Rating	3-Phase, 415Vac ± 10%			
	Input Frequency	50 Hz ± 1.5Hz or better			
	Insolation	1 Nos. MCCB at input in Charger			
	User Authentication	RFID, QR-Code Scan, OCPP based Mobile App Interface Any future Upgradation (latest version of OCPP or any other upgraded protocol) till the completion of CAMC period, vendor would upgrade the same at no extra cost to OMCs.			
Backup Power	Input Supply Failure backup	Battery backup for minimum 15 minute for the control system and billing unit. The data logs should be synched with CMS during backup time, in case of drain out.			
DC Output	No. of Output Ports	2 Nos CCS Type 2, 5 meter cable length at a height between 0.4 m to 1.5 m as per IEC 61851-23, section 101.1.3.			
	Output Cable	As per Applicable IEC 62196-3 standard with a voltage range up to 1000V (DC). Connector must fulfill IATF 16949 automotive standard and ISO 9001. It is to be tested by ARAI at Indian atmospheric condition or at an ambient temperature of 50 deg which ever is higher.			
	Power factor	> 0.98			
	Current & voltage THD	Compliant with IEC 61000-3-12			
	Output Current	200 A (max) per Gun	250 A (max) per Gun	300 A (max) per Gun	400 A (max) per Gun
	Output Voltage	200-1000V DC			
	Rated outputs and maximum output power	As per IEC 61851- 23,101.2.1.1 except for the ambient temperature range. Temp range to be -20 °C to 55 °C as per Indian climatic conditions.			
Minimum efficiency		94% for load more than 50%			
Internal Cabling		Should be FR grade			
Electrical metering		to comply with IEC 62052-11 and IEC 62053-21			
Charge Option		Auto Charge, Mode Selection (Time/amount/Power/SOC)			
Splitter	Splitting of power output between two guns	Unit shall have a splitter provision. When only single gun is operating than charging shall be with full capacity of 50-60 kW. When second gun is put into operation, than the unit shall be programmed in such a way that output shall be split between two guns as per the normal charging speed followed based on quantum of balance charging to be done.	Unit shall have a splitter provision. When One gun is connected, the CCS2 charger connector/gun shall be able to dispense full output of minimum 120 kW to EV. When both CCS2 charger connectors/guns are in parallel operation, the charger shall be able to do auto load sequencing with equal load sharing between the two connectors i.e. minimum 60 kW from each CCS2 gun to charge two connected EVs simultaneously. Parallel operation of both CCS2 connectors is a must.	Unit shall have a splitter provision. When One gun is connected, the CCS2 charger connector/gun shall be able to dispense full output of minimum 240 kW to EV. When both CCS2 charger connectors/guns are in parallel operation, the charger shall be able to do auto load sequencing with equal load sharing between the two connectors i.e. minimum 120 kW from each CCS2 gun to charge two connected EVs simultaneously. Parallel operation of both CCS2 connectors is a must.	Unit shall have a splitter provision. When One gun is connected, the CCS2 charger connector/gun shall be able to dispense full output of minimum 360 kW to EV. When both CCS2 charger connectors/guns are in parallel operation, the charger shall be able to do auto load sequencing with equal load sharing between the two connectors i.e. minimum 180 kW from each CCS2 gun to charge two connected EVs simultaneously. Parallel operation of both CCS2 connectors is a must.
AC Input Protections	AC Voltage Protection	AC Over-Voltage, AC Under-Voltage			
	AC Current Protection	AC Over Current / Short Circuit			
	AC Safety Protection	Residual current / Ground fault- (ELCB Required 30 ma)			
	Earth Monitoring	Earth Presence/Connection Monitoring			
	Ground Fault Protection	Ground Fault Protection			
	Surge Protection- 4 KV DM	Surge Protection minimum Class B SPD. SPD should have valid test report from NABL accredited Lab having facility as per IEC 61643-11/KEMA/VDE - 4KV DM			
	Temperature Protection	Over temperature			
ESD		Emergency Shut Button (ESD)			
EMI/EMC		As per IEC 61000 for complete unit			
		Immunity to electrostatic discharge (IEC 61000-4-2)			
		Supply Volatge Dips and Interruptions (IEC 61000-4-11)			
		Fast Transient (IEC 6100-4-4)			
		Volatge surges (IEC 61000-4-5)			
		Radiated Electro Magnetic Disturbances			
Energy Metering		Independent DC and AC Energy Meter for each output and Input and with cumulative			
Operating Temperature	Operating Temperature	-10 to 55 degC			
Humidity	Enclosure Protection	95% relative humidity, Non-condensing			
Enclosure Protection	Enclosure Protection	IP55 or better			
Cooling Method	Natural / Forced	Natural / FAN Cooling			
Applications	To Charge	4 wheelers compatible with CCS-2			
Communication between charger and EV	CCS2 : IEC 61851, PLC - DIN 70121 and ISO 15118	CCS2 : IEC 61851, PLC - DIN 70121 and ISO 15118			
Software		Software Upgradation through backend System through over the air			
Altitude		Upto 2000 m			
Keypad	Metallic/Membrane type /Touch screen	Alpha numeric keypad with minimum 12 keys If touch screen is offered it can be integral part of display			
Display	7" or bigger LCD or equivalent screen	7" or bigger Industrial grade LCD or equivalent screen The following shall be displayed a. KWhr consumed while charging b. Date and time in DD/MM/YYYY, HH:MM c. Total KWHr consumed (Totalizer) - On selection thru key pad/touchscreen d. Output DCV and Amp while charging e. Event logs- On selection basis thru keypad f. Alarms g. All error logs on selection basis h. Price per unit i. Total amount ,incremented during charging			
CEA compliance	Chargers to comply with CEA guidelines	Chargers to comply with CEA guidelines and equipment related guidelines given by PNGRB in vogue			
Certification		Certification from ARAI / ICAT (or any Govt/NABL approved lab) and comply the standard from IEC 61851			
Memory storage		To store last 50 event logs			
		To store last 50 charging transactions			
		To have memory of storing price of charging per unit with in the unit			
		To store total charging units (cumulative in KWHr)			
		Charging unit shall be able to take price per unit and billing information inputs thru key pad and store for calculation of amount			
Enclosure Protection	Protection against mechanical impact & stability	IK10,As per IEC 61851-1 Section 11.11.2 including charger Display			

*Due to continuous improvement technical specifications & product image can change without prior notice.

Solar and EV Charger Carport: The Future of Smart Energy

Embrace a future of eco-friendly transportation with Servotech's innovative Solar and EV Charger Carport, a game-changing solution designed to power your electric vehicle while utilizing solar energy. With Servotech's advanced technology, you can seamlessly charge your EV using clean, green energy generated from solar panels integrated into the carport structure.

Charging Process

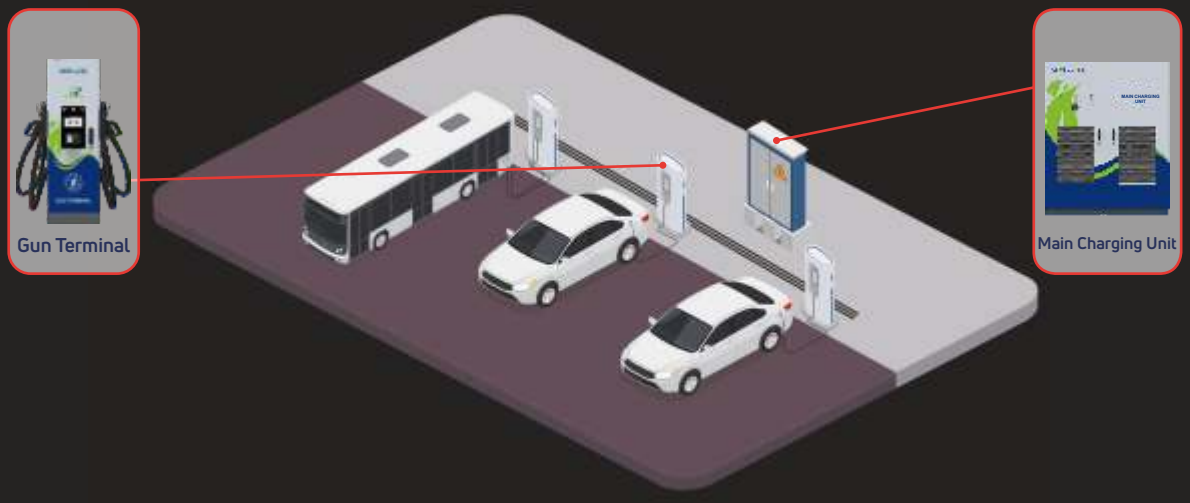


Solar PV → Solar Inverter → BESS (Battery Energy Storage System) → EV Charger → EV

Split DC EV Charging Station

The ST-EVDC360/480KW charging system comprises one main charging unit and multiple terminals, offering a versatile and customizable solution. This main unit can accommodate up to 8 single-gun terminals, providing flexibility in configuration. The charging and power distribution modules are housed within the main unit, simplifying station design and ensuring high reliability. Each terminal's primary function is communication between the vehicle, charger, and cloud platform, as well as user interaction. Intelligent power deployment allows for a maximum of 180kW per gun, enhancing charging speed and efficiency while avoiding power wastage. Additionally, the separate installation of the main charging unit minimizes noise impact, making it suitable for noise-sensitive environments like schools, communities, and offices.

- Deploy power based on different vehicle needs, no power waste
- Modular structure in the main cabinet, and one power module fails to work will not affect charging speed.
- Basically no noise
- Small size: around 450*200*1450mm, charging space needed is small



Structured Representative Layout

Split DC EV Charging Station – Technical Specs

Main charging unit

Specifications	Product number	ST-EVDC360/480KW DC Charging Cabinet
Input Parameters	Input Voltage	415VAC ± 15%
	Voltage Frequency	50Hz ± 5Hz
	Harmonic Content	<5%
	Power Factor	>0.90 (more than half load)
	Overall Efficiency	>95% (more than hald load)
Output Parameters	Power Level	240kW-480kW
	The Output Voltage	200VDC-750VDC/200VDC-1000VDC
	Output Current	250A (single muzzle)
	Number of Ports	2-8gun
Basic Attributes	Shell Material	Aluminium zinc plate
	Product Size	1200*850*2000mm(W*D*H)
	Communication Interface	CAN,RS485
	Power Distribution	Full dynamic flexible distribution
	Protection Function	Input over/under voltage protection, output over voltage protection, output over current protection, insulation detection protection, battery reverse connection protection, Short circuit protection, charging pile over temperature protection, charging gun over temperature protection, access control protection, emergency stop protection, leakage protection, overcharge protection.
	Lightning Protection Level	C level
Environmental Parameters	Noise Level	<65dB
	Degree of Protection	IP54
	Operating Temperature	-20°C ~ 50°C
	Altitude	<2000 meter
	Relative Humidity	≤95%, Non-condensing

Gun Terminal

Specifications	Product number	ST-EVDC360/480KW Charging Terminal
Input Parameters	Number of Output Ports	1/2
	The Output Voltage	200VDC-750VDC/200VDC-1000VDC
	Output Current	250A(MAX)
Basic Parameters	Charging Mode	Automatic full/fixed power/fixed amount/fixed time
	Charging Method	Swipe card/scan code/NIN
	Human-Computer Interaction	7 inch touch color LCD screen
	Auxilary Power	DC12V and DC24V
	Gun Line Length	5m
	Communication Interface	Ethernet/4G
	Reserved Port	CAN RS485
Structural Parameters	Shell Material	Aluminium zinc plate
	Installation Method	integrated floor type
	Mechanical Strength	20J
	Product Size	450*200*1450mm(W*D*H)
	Degree of Protection	IP55
Environmental Parameters	Operating Temeperature	-20°C -50°C
	Altitude	<2000m
	Relative Humidity	<95°C, non-condensing

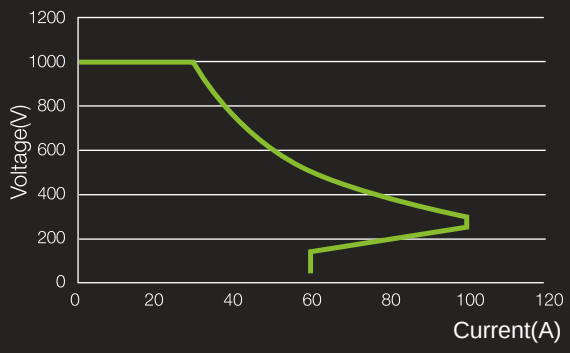
*Due to continuous improvement technical specifications & product image can change without prior notice.

30kW Constant Power Module

Vienna rectifier technology for PFC, LLC technology for DCDC, with three phase active PFC, integrated with functions of rectifier, contro, output, protect and remote-signal function. Modular design, high power density, high reliability, ultra wide temperature range, suitable for all kinds of harsh environment.

Output capacity : 30kW; Efficiency : 96%

- Output voltage range : 50V-750VDC, 50V-1000VDC
- Constant power range : 300V-750VDC,300V-1000VDC
- Compatible standard : CCS, CHAdeMO, Combo, GB/T
- Cooling : forced air cooling



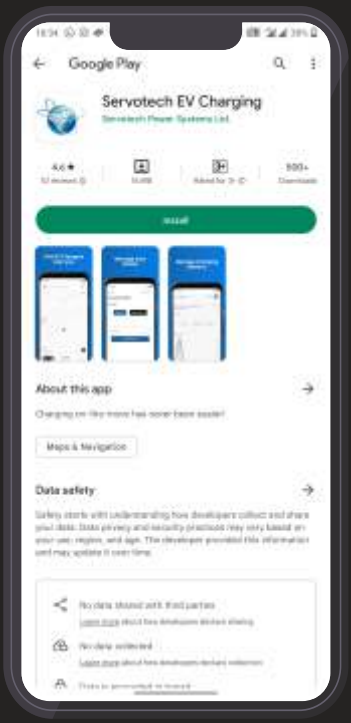
30kW Power Module

Model	DPM750/40	DPM1000/30
Output capacity	30kW	
Input voltage	380Vac three-phase three-wire	
Input voltage range	260V-530V(260-304V,output power derating 50%)	
Input frequency	50/60HZ	
Input power factor	＞0.99	
Input current harmonic	≤ 3%	
Efficiency	96%	
Output voltage range	50V-750VDC	50V-1000VDC
Voltage regulation accuracy	＜0.5%	
Current regulation accuracy	＜0.5%	
Peak-to-Peak noise voltage of DC output	＜1%	
Startup&Shutdown overshoot	＜1%	
Soft start time	≤ 5S	
Operating temperature	-20°C-+75°C,during 55°C-75°Cderating to 60%	
Ambient temperature	-40°C-+70°C	
Relative humidity	0-95%,40±2°C,non-condensing	
Altitude	2000 meters	
Dimension(W*D*H)	300*460*87mm(Horizontal)	315*463*87mm(Vertical)
Weight	15kg	15kg

*Due to continuous improvement technical specifications & product image can change without prior notice.

Servotech Cloud Based Charging Management System

Servotech Cloud Based Charging Management System enables seamless integration of chargers with back-end management system



Mobile App

- Safe & secure means of online payment.
- Get real-time charging notifications.
- Find nearby charging stations enroute.
- Control EV charging right from the app.

User Authorization

- QR based
- OTP based
- RFID based

Report Generation

- Capacity Utilization
- Charging Transactions
- Electricity Consumed

Payment Gateway

- Multiple payment gateway integrations including all major banks
- RazorPay/Paytm
- Coupons/Promo codes definition and utilization feature

Web & Mobile based Applications

Specification	Web based	Mobile application
Locate all Charging stations on the map with status indicators	●	●
Check the availability status, Operation timings, Estimated Charging Prices, Charging Point Status, Booking history of all the transactions	●	●
Charging Station Booking & Payment	●	●
Charging Station Directions	●	●
Navigate to a Charging Station	●	●
User Authorization (QR based/OTP based/RFID based)	●	●
Reporting Dashboard Track the capacity utilization, charging transactions, electricity consumed, charger status	●	●
Review and rate charging station and mark/unmark them as your favourite	●	●
OCPP transaction	●	●
Notifications and alerts	●	●
Charging station management	●	●
Firmware Upgrades	●	●

Servotech Power Systems Ltd.

Registered Office : 806, 8th Floor,
Crown Heights, Hotel Crowne Plaza,
Rohini, New Delhi - 110085
Ph: 011 41183116, 97176 91800
Email: servotech@servotechindia.com

Plant & R&D : 76A, Sector-57,
Revenue Estate, Kundli, Sonipat,
Haryana - 131028

www.servotech.in