VITAL FORCE
TECHNOLOGIES

Go Green, Breathe Clean

Where Imagination become innovation

Where Innovation Meets the Outlet.

Our chargers play a **vital** role in creating a network of sustainable energy, connecting communities and contributing to a cleaner, more interconnected world.

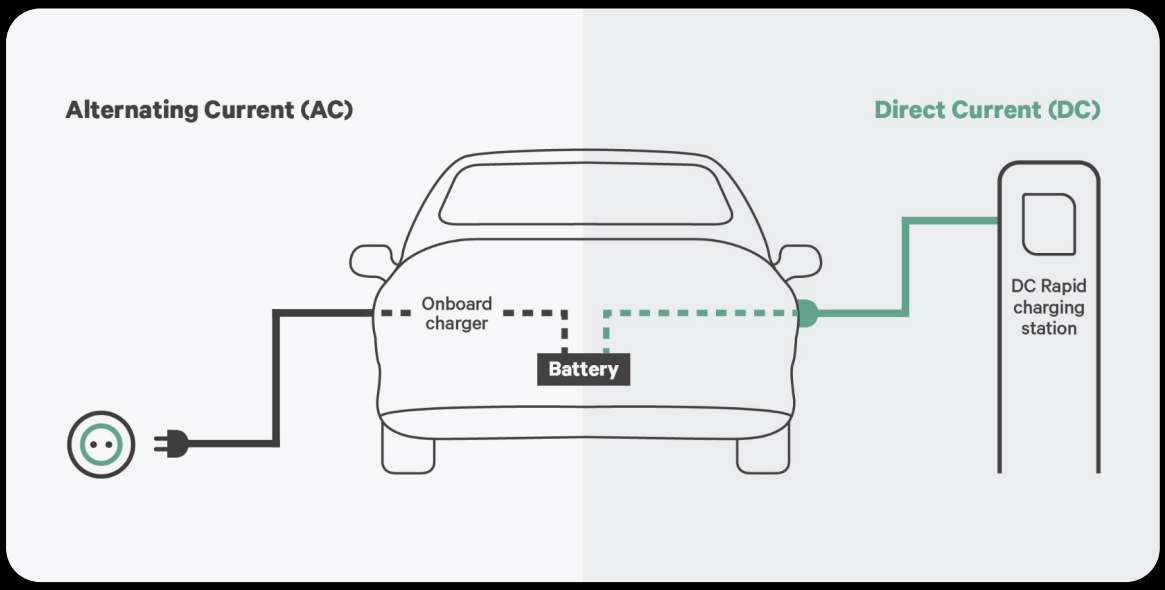
Our chargers incorporate the latest technological advancements, offering users a seamless and futuristic charging experience that goes beyond conventional expectations. Our EV chargers contribute to a sustainable future by promoting eco-friendly transportation options, reducing carbon footprints with every charge.

Our chargers offer additional features like remote monitoring, maintenance alerts, and user-friendly interfaces, making them more than just a charging station. Enjoy peace of mind knowing our chargers are equipped with advanced safety features, ensuring a secure and worry-free charging experience for all users.

Trust in the reliability of our chargers, ensuring your electric vehicle is always ready for the road ahead, promoting a sense of pride in your eco-conscious choices. By choosing our chargers, you not only power your vehicle but also actively participate in preserving the environment, leaving a positive impact on the planet.

What is AC Chargers?

Electric vehicles have onboard chargers that convert AC power from the grid into DC power to charge the vehicle's battery. Alternating Current, which is the type of electricity typically found in homes and businesses. Generally has a lower charging speed It is suitable for homes and workplaces.

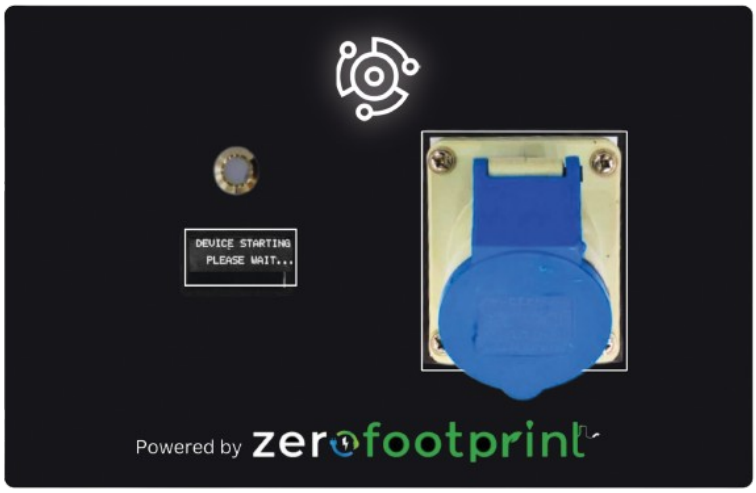


What is DC Chargers?

Offers faster charging speeds, making it suitable for quick charging stations along highways and in public spaces. Provides Direct Current, which is the type of electricity stored in batteries and used by most electronic devices and electric vehicles.

VF Technologies 3.3kW AC Smart Charger

(Compatible with 2/3/4 wheelers)



Output Voltage Rating	230 V
Max. output Current	16 A
Max. Output Power	3.3kW
Output Plug	3 Pin Domestic / Industrial Socket
No. Of Sockets	1
Input Voltage	230 V, 1-Phase / L1, N, PE
No I/P Phase	1
Input Frequenzy	50 Hz
Safety Parameters	OC, OV, UV, Ground Fault
IP Rating	IP 54 Rated
Display	OLED
LED Indication	YES
Network Connection	Wifi / GSM / RFID
Metering	In-Built
Communuciation Protocol	OCPP 1.6J
Usage	Indoor / Outdoor
User Authentication	QR Code, Plug & Charge, Mobile App
Enclosure Type	Metal
Mounting Arrangement	Wall Mount
Operating Altitude	2000 Mtr

VF Technologies 3 Pin 10kW AC Smart Charger

(Compatible with 2/3/4 wheelers)

Output Voltage Rating	230 V
Max. output Current	15A per Socket
Max. Output Power	3 x 3.3kW
Output Plug	3 Pin Domestic / Industrial Socket
No. Of Sockets	3
Input Voltage	415 V, 1-Phase / L1, L2, L3, N, PE
No I/P Phase	1 per Socket
Input Frequenzy	50 Hz
Safety Parameters	OC, OV, UV, SS, ES, Ground Fault
IP Rating	IP 54 Rated
Display	Character Display
LED Indication	YES
Network Connection	Wifi / GSM / RFID
Metering	In-Built
Communuciation Protocol	OCPP 1.6J
Usage	Indoor / Outdoor
User Authentication	QR Code, Plug & Charge, Mobile App
Enclosure Type	Metal
Mounting Arrangement	Wall Mount
Operating Altitude	2000 Mtr

VF Technologies 7.4kW AC Smart Charger (Type – 2)

(Compatible with Cars / SUV)

Charging Type	Mode 3
Input Voltage	Single Phase 240V
Output Voltage	Single Phase 240V
No. of Charging Outlets	1
Rated Current	32A
Output Power Rating	7.4kW
Standards	IS17017
Socket / Connector	Type 2 gun with cable
Output Cable Lenght	5 meter
Protection	OC, OV, UV, SS, ES, GF, DC Residual Current Protection
Display	Character Display
LED Indication	YES
Network Connection	Wifi / GSM / RFID
Metering	In-Built
Communuciation Protocol	OCPP 1.6J
Usage	Indoor / Outdoor
User Authentication	QR Code, Plug & Charge, Mobile App
Enclosure Type	Metal
Mounting Arrangement	Wall Mount
Operating Altitude	2000 Mtr

VF Technologies 11kW AC Smart Charger (Type – 2)

(Compatible with Cars / SUV)

Charging Type	Mode 3
Input Voltage	Three Phase 415V
Output Voltage	Three Phase 415V
No. of Charging Outlets	1
Rated Current	16A
Output Power Rating	11kW
Standards	IS17017
Socket / Connector	Type 2 gun with cable
Output Cable Lenght	5 meter
Protection	OC, OV, UV, SS, ES, GF, DC Residual Current Protection
Display	Character Display
LED Indication	YES
Network Connection	Wifi / GSM / RFID
Metering	In-Built
Communuciation Protocol	OCPP 1.6J
Usage	Indoor / Outdoor
User Authentication	QR Code, Plug & Charge, Mobile App
Enclosure Type	Metal
Mounting Arrangement	Wall Mount
Operating Altitude	2000 Mtr

VF Technologies 22kW AC Smart Charger (Type – 2)

(Compatible with Cars / SUV)

Charging Type	Mode 3
Input Voltage	Three Phase 415V
Output Voltage	Three Phase 415V
No. of Charging Outlets	1
Rated Current	32A
Output Power Rating	22kW
Standards	IS17017
Socket / Connector	Type 2 gun with cable
Output Cable Lenght	5 meter
Protection	OC, OV, UV, SS, ES, GF, DC Residual Current Protection
Display	Character Display
LED Indication	YES
Network Connection	Wifi / GSM / RFID
Metering	In-Built
Communuciation Protocol	OCPP 1.6J
Usage	Indoor / Outdoor
User Authentication	QR Code, Plug & Charge, Mobile App
Enclosure Type	Metal
Mounting Arrangement	Wall Mount
Operating Altitude	2000 Mtr

VF Technologies 30kW DC Smart Charger (CCS 2)

(Compatible with Cars / SUV / Buses)

Charging Type	Mode 4
AC Input Voltage	Three Phase 415V
Input Wires	L1, L2, L3, N, PE
DC Output Voltage / Gun	100-1000V DC, 30kW max.
Rated Current	80A Max
Efficiency at full Load	>=94%
Power Factor	> 0.98
Operating Temperature	'-40 deg.C to +55 deg.C
Storage Temperature	'-40 deg.C to +85 deg.C
Standards	IEC62196 | IEC 61851
Number of Charging Outlets	1
Display	7” color LCD Display
Network Connection	Wifi / GSM / RFID
Cooling	Forced Air
Communuciation Protocol	OCPP 1.6J
Usage	Indoor / Outdoor
User Authentication	QR Code, Plug & Charge, Mobile App
Enclosure Type	Metal
Mounting Arrangement	Wall / Pedestal (optional)
Operating Altitude	2000 Mtr

VF Technologies 30kW + 30kW DC Smart Charger (CCS 2)

(Compatible with Cars / SUV / Buses)

Charging Type	Mode 4
AC Input Voltage	Three Phase 415V
Input Wires	L1, L2, L3, N, PE
DC Output Voltage / Gun	100-1000V DC, 30kW max.
Rated Current	80A Max
Efficiency at full Load	>=94%
Power Factor	> 0.98
Operating Temperature	'-40 deg.C to +55 deg.C
Storage Temperature	'-40 deg.C to +85 deg.C
Standards	IEC62196 | IEC 61851
Number of Charging Outlets	2
Display	7” color LCD Display
Network Connection	Wifi / GSM / RFID
Cooling	Forced Air
Communuciation Protocol	OCPP 1.6J
Usage	Indoor / Outdoor
User Authentication	QR Code, Plug & Charge, Mobile App
Enclosure Type	Metal
Mounting Arrangement	Floor
Operating Altitude	2000 Mtr

VF Technologies 60kW DC Smart Charger (CCS 2)

(Compatible with Cars / SUV / Buses)

Charging Type	Mode 4
AC Input Voltage	Three Phase 415V
Input Wires	L1, L2, L3, N, PE
DC Output Voltage / Gun	100-1000V DC, 30kW max.
Rated Current	160A Max
Efficiency at full Load	>=94%
Power Factor	> 0.98
Operating Temperature	'-40 deg.C to +55 deg.C
Storage Temperature	'-40 deg.C to +85 deg.C
Standards	IEC62196 | IEC 61851
Number of Charging Outlets	1
Display	7” color LCD Display
Network Connection	Wifi / GSM / RFID
Cooling	Forced Air
Communuciation Protocol	OCPP 1.6J
Usage	Indoor / Outdoor
User Authentication	QR Code, Plug & Charge, Mobile App
Enclosure Type	Metal
Mounting Arrangement	Floor
Operating Altitude	2000 Mtr

VF Technologies 60kW + 60kW DC Smart Charger (CCS 2)

(Compatible with Cars / SUV / Buses)

Charging Type	Mode 4
AC Input Voltage	Three Phase 415V
Input Wires	L1, L2, L3, N, PE
DC Output Voltage / Gun	100-1000V DC, 30kW max.
Rated Current	160A Max
Efficiency at full Load	>=94%
Power Factor	> 0.98
Operating Temperature	'-40 deg.C to +55 deg.C
Storage Temperature	'-40 deg.C to +85 deg.C
Standards	IEC62196 | IEC 61851
Number of Charging Outlets	2
Display	7” color LCD Display
Network Connection	Wifi / GSM / RFID
Cooling	Forced Air
Communuciation Protocol	OCPP 1.6J
Usage	Indoor / Outdoor
User Authentication	QR Code, Plug & Charge, Mobile App
Enclosure Type	Metal
Mounting Arrangement	Floor
Operating Altitude	2000 Mtr

VF Technologies 120kW DC Smart Charger (CCS 2)

(Compatible with Cars / SUV / Buses)

Charging Type	Mode 4
AC Input Voltage	Three Phase 415V
Input Wires	L1, L2, L3, N, PE
DC Output Voltage / Gun	100-1000V DC, 30kW max.
Rated Current	320A Max
Efficiency at full Load	>=94%
Power Factor	> 0.98
Operating Temperature	'-40 deg.C to +55 deg.C
Storage Temperature	'-40 deg.C to +85 deg.C
Standards	IEC62196 | IEC 61851
Number of Charging Outlets	2
Display	7” color LCD Display
Network Connection	Wifi / GSM / RFID
Cooling	Forced Air
Communuciation Protocol	OCPP 1.6J
Usage	Indoor / Outdoor
User Authentication	QR Code, Plug & Charge, Mobile App
Enclosure Type	Metal
Mounting Arrangement	Floor
Operating Altitude	2000 Mtr

What is the future of EV Charger technology?

The future of EV (Electric Vehicle) charger technology is likely to see continued advancements, addressing various aspects such as charging speed, convenience, interoperability, and sustainability. Here are some key trends and potential developments in EV charger technology:

Ultra-Fast Charging

Wireless Charging

Bidirectional Charging

Smart Charging Infrastructure

Interoperability and Standardization

Increased Charging Network Densit

Integration with Renewable Energy

Energy Storage Integration

Innovations in Materials and Design

Public-Private Partnerships

As technology continues to evolve and the electric vehicle market grows, the future of EV charger technology is likely to be dynamic, with ongoing improvements to enhance charging speed, accessibility, and sustainability.

VF Technologies Pvt Ltd

Registered Office :- F-11, 1st Floor, Zoom Plaza,
L.T Road, Gorai 2, Borivali (West), 400092
Landmark - Below Maxus Cinemas

+91 81091 46609

inquiry@vftechpvtltd.com

www.vftechpvtltd.com