



GROUP RHINE



AC & DC CHARGERS

ABOUT US

We, **GROUP RHINE**, are a leading manufacturer of electrical distribution solutions aimed at serving end-to-end needs of the power market, while promoting sustainable energy use.

As the demand for reliable power continues to surge, our solutions offer transformative technologies that optimize energy efficiency, enhance grid reliability, and empower sustainable practices with products that cut across the power and distribution value-chain.

From cutting-edge **power & distribution transformers** to **energy storage systems**, high-capacity **MV panels**, **RMUs** and **smart metering solutions**, we deliver a suite of innovative technologies that ensure uninterrupted energy flow and efficient grid management. Our offerings also include **EV Charging** infra for greener transportation and **modular data center solutions** for scalable computing power.

100+
Employees

Executed
1,000+ Projects

25+ Years of
Experience

Trusted by
500+ Clients

With approvals across **20+ utilities** and **government bodies** and through our supplies in various industrial sectors we have established a strong foothold across the India and International market. Our esteemed clients include:



CAPABILITIES

Advanced Engineering & Design

Every EV charger is designed with precision and care to ensure reliability and efficiency. Each design is rigorously tested for scalability, ease of use, and durability. Our patented innovations guarantee cutting-edge technology, while dust-free operation ensures long-lasting performance. By focusing on cost-effective solutions, we deliver high-quality chargers that meet the demands of today and the future.



Precision Craftsmanship

We employ a vertically integrated manufacturing process, allowing complete control over each stage of production. Our advanced facilities utilize precision engineering, automation, and rigorous quality control systems to ensure the highest performance and reliability. By optimizing every aspect of the supply chain, we deliver chargers that exceed industry standards, while maintaining eco-friendly and sustainable practices.



AC CHARGERS

Up to:
22 KW



Customizable Display

Input Sockets
Expandable socket design

LED Status & Indicator
10 inch color display

RFID reader

Charging Outlet

Wall and Foot Mount optional



UPGRADABLE



**TYPE B RCCB
TYPE C SPD**



WiFi & GSM



OCPP & Plug-n-Play

AC CHARGERS

	BHARAT 01	TYPE 2 SINGLE PHASE & 3 PHASE	HYBRID
INPUT VOLTAGE	230+/- 10 volts 415 +/- 10 volts	230+/- 10 volts 415 +/- 10 volts	230+/- 10 volts 415 +/- 10 volts
POWER CURRENT	3.3kW Single Socket 9.3kW Dual Socket	7.4kW Single Gun 15kW Dual Gun 22kW 3 Phase	7.4kW Single Gun 3.3kW Dual Gun
PHASE	Bharat 1 socket – Single Bharat 3 socket – 3 Ph.	Type 2, 7.4kW 1 Gun – Single Phase 2 Gun – 3 Phase 11/22kW – 3 Phase	3 Phase
CHARGING TIME	Car Charging: 10 hr 2/3 Wheelers: 4/5 hr	Car Charging: 5-7 hr	Car Charging: 5-7 hr 2/3 Wheelers: 4-5 hr
POWER LOSS (standby)	20 Watts	20 Watts	20 Watts
EXPENDABLE	Customizable as per requirement	Customizable as per requirement	Customizable as per requirement
COMMUNICATION	WiFi / GSM	WiFi / GSM	WiFi / GSM
PROTOCOL	OCPP 1.6 V2	OCPP 1.6 V2	OCPP 1.6 V2
ENCLOSURE	IP 55	IP 55	IP 55
OPERATING TEMP.	-25 to 55 *C	-25 to 55 *C	-25 to 55 *C
IS STANDARD	IS18017 (Part2/Sec7)	IS18017 (Part2/Sec7)	IS18017 (Part2/Sec7)
IEC STANDARD	IEC 61851-1	IEC 61851-1	IEC 61851-1

DC CHARGERS

Up to:
120 KW

Charging Outlet

Rhine



LED Status & Indicator
4 inch color display



RFID reader



Emergency Stop Button



UPGRADABLE



IP55 DESIGN



WiFi & GSM



OCPP & PLUG-N-PLAY

DC CHARGERS

	30-60 KW	120 KW
INPUT VOLTAGE	Nominal Voltage 380/400/415 (L-L) Voltage range 320-520 VAC	Nominal Voltage 380/400/415 (L-L) Voltage range 320-520 VAC
POWER CURRENT	46A/phase or 78A L-L 33kVA for 30kW 400AC (L-L) 93A/phase or 125 A L-L 65kVA for 60 kW 22kW outlet type 2 (optional)	92 A/ Phase or 186A L-L, 129kVA for 120 kW @ 400 AC (L-L) 22kW outlet type 2 (optional) 22kW outlet type 2 (optional)
PHASE	Three phase TN-S connected 4 Wire	Three phase TN-S connected 4 Wire
CAR CHARGING TIME	30KW: Less than 80 min 60KW: Less than 60 min	120KW: Less than 60 min
POWER LOSS (standby)	< 60 Watts	< 60 Watts
COMMUNICATION	WiFi / GSM / Ethernet- RJ45	WiFi / GSM / Ethernet- RJ45
PROTOCOL	OCPP 1.6 J	OCPP 1.6 J
ENCLOSURE	IP 54	IP 54
OPERATING TEMP.	-30 to 75 *C	-30 to 75 *C
APPLICABLE STANDARD	Complied as per Safety: IEC 61851-1; IEC 61851-21-2; IEC 61851-23; IEC 61851-24; IEC 62196-1; IEC 62196-3; IEC 61000 Other: ARAI (AIS 138 Part 2) Vehicle Communication: DIN 70121, ISO 15118	Complied as per Safety: IEC 61851-1; IEC 61851-21-2; IEC 61851-23; IEC 61851-24; IEC 62196-1; IEC 62196-3; IEC 61000 Other: ARAI (AIS 138 Part 2) Vehicle Communication: DIN 70121, ISO 15118

CCS2 60 KW

PRODUCT PORTFOLIO

ROPE CHARGERS

Up to:
7.4 KW

Type 2 Gun
5 meter length



1.8 inch Color Display



LIGHTWEIGHT



IP67 DESIGN



PORTABLE



PLUG-N-PLAY

LED Status Indicator

ROPE CHARGERS

	3.3 KW & 7.4 KW
INPUT VOLTAGE	230 +/- 10 Volt
POWER CURRENT	3.3 kW 16 Amps or 7.4 KW 32 Amp
Protection	OL, UV, OC, UC,EF
PHASE	Single/ three
CAR CHARGING TIME (30–40 kwh)	3.3 KW: Less than 12 hrs 7.4 KW: Less than 6 hrs
POWER LOSS (standby)	< 20 Watts
COMMUNICATION	With Vehicle: PWM based
CABLE LENGTH , WEIGHT	5 meters , 2.5 KG
ENCLOSURE	IP 65 outdoor standalone; Plastic ABS
OPERATING TEMP.	-20 to 50 *C
APPLICABLE STANDARD	IS17017 (Part 2/Sec 7): 2023; IEC 61851-1; IEC 62196-2-II
CONNECTOR TYPE	Type 2 gun as power IEC-2196-2 II



PRODUCT PORTFOLIO

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Phone: +91-9560467444



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Precision Craftsmanship



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AC CHARGERS

Up to:
22 KW



Customizable Display

Input Sockets
Expandable socket design

LED Status & Indicator
10 inch color display

RFID reader

Charging Outlet

Wall and Foot Mount optional



UPGRADABLE



**TYPE B RCCB
TYPE C SPD**



WiFi & GSM



OCPP & Plug-n-Play

AC CHARGERS

	BHARAT 01	TYPE 2 SINGLE PHASE & 3 PHASE	HYBRID
INPUT VOLTAGE	230+/- 10 volts 415 +/- 10 volts	230+/- 10 volts 415 +/- 10 volts	230+/- 10 volts 415 +/- 10 volts
POWER CURRENT	3.3kW Single Socket 9.3kW Dual Socket	7.4kW Single Gun 15kW Dual Gun 22kW 3 Phase	7.4kW Single Gun 3.3kW Dual Gun
PHASE	Bharat 1 socket – Single Bharat 3 socket – 3 Ph.	Type 2, 7.4kW 1 Gun – Single Phase 2 Gun – 3 Phase 11/22kW – 3 Phase	3 Phase
CHARGING TIME	Car Charging: 10 hr 2/3 Wheelers: 4/5 hr	Car Charging: 5-7 hr	Car Charging: 5-7 hr 2/3 Wheelers: 4-5 hr
POWER LOSS (standby)	20 Watts	20 Watts	20 Watts
EXPENDABLE	Customizable as per requirement	Customizable as per requirement	Customizable as per requirement
COMMUNICATION	WiFi / GSM	WiFi / GSM	WiFi / GSM
PROTOCOL	OCPP 1.6 V2	OCPP 1.6 V2	OCPP 1.6 V2
ENCLOSURE	IP 55	IP 55	IP 55
OPERATING TEMP.	-25 to 55 *C	-25 to 55 *C	-25 to 55 *C
IS STANDARD	IS18017 (Part2/Sec7)	IS18017 (Part2/Sec7)	IS18017 (Part2/Sec7)
IEC STANDARD	IEC 61851-1	IEC 61851-1	IEC 61851-1

DC CHARGERS

Up to:
120 KW

Charging Outlet

Rhine



LED Status & Indicator
4 inch color display

RFID reader



Emergency Stop Button



UPGRADABLE



IP55 DESIGN



WiFi & GSM



OCPP & PLUG-N-PLAY

DC CHARGERS

	30-60 KW	120 KW
INPUT VOLTAGE	Nominal Voltage 380/400/415 (L-L) Voltage range 320-520 VAC	Nominal Voltage 380/400/415 (L-L) Voltage range 320-520 VAC
POWER CURRENT	46A/phase or 78A L-L 33kVA for 30kW 400AC (L-L) 93A/phase or 125 A L-L 65kVA for 60 kW 22kW outlet type 2 (optional)	92 A/ Phase or 186A L-L, 129kVA for 120 kW @ 400 AC (L-L) 22kW outlet type 2 (optional) 22kW outlet type 2 (optional)
PHASE	Three phase TN-S connected 4 Wire	Three phase TN-S connected 4 Wire
CAR CHARGING TIME	30KW: Less than 80 min 60KW: Less than 60 min	120KW: Less than 60 min
POWER LOSS (standby)	< 60 Watts	< 60 Watts
COMMUNICATION	WiFi / GSM / Ethernet- RJ45	WiFi / GSM / Ethernet- RJ45
PROTOCOL	OCPP 1.6 J	OCPP 1.6 J
ENCLOSURE	IP 54	IP 54
OPERATING TEMP.	-30 to 75 *C	-30 to 75 *C
APPLICABLE STANDARD	Complied as per Safety: IEC 61851-1; IEC 61851-21-2; IEC 61851-23; IEC 61851-24; IEC 62196-1; IEC 62196-3; IEC 61000 Other: ARAI (AIS 138 Part 2) Vehicle Communication: DIN 70121, ISO 15118	Complied as per Safety: IEC 61851-1; IEC 61851-21-2; IEC 61851-23; IEC 61851-24; IEC 62196-1; IEC 62196-3; IEC 61000 Other: ARAI (AIS 138 Part 2) Vehicle Communication: DIN 70121, ISO 15118

CCS2 60 KW

PRODUCT PORTFOLIO

ROPE CHARGERS

Up to:
7.4 KW

Type 2 Gun
5 meter length

1.8 inch Color Display

Rhine



LED Status Indicator



LIGHTWEIGHT



IP67 DESIGN



PORTABLE



PLUG-N-PLAY

ROPE CHARGERS

	3.3 KW & 7.4 KW
INPUT VOLTAGE	230 +/- 10 Volt
POWER CURRENT	3.3 kW 16 Amps or 7.4 KW 32 Amp
Protection	OL, UV, OC, UC,EF
PHASE	Single/ three
CAR CHARGING TIME (30–40 kwh)	3.3 KW: Less than 12 hrs 7.4 KW: Less than 6 hrs
POWER LOSS (standby)	< 20 Watts
COMMUNICATION	With Vehicle: PWM based
CABLE LENGTH , WEIGHT	5 meters , 2.5 KG
ENCLOSURE	IP 65 outdoor standalone; Plastic ABS
OPERATING TEMP.	-20 to 50 *C
APPLICABLE STANDARD	IS17017 (Part 2/Sec 7): 2023; IEC 61851-1; IEC 62196-2-II
CONNECTOR TYPE	Type 2 gun as power IEC-2196-2 II



PRODUCT PORTFOLIO

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AC CHARGERS

Up to:
22 KW



Customizable Display

Input Sockets
Expandable socket design

LED Status & Indicator
10 inch color display

RFID reader

Charging Outlet

Wall and Foot Mount optional



UPGRADABLE



**TYPE B RCCB
TYPE C SPD**



WiFi & GSM



OCPP & Plug-n-Play

AC CHARGERS

	BHARAT 01	TYPE 2 SINGLE PHASE & 3 PHASE	HYBRID
INPUT VOLTAGE	230+/- 10 volts 415 +/- 10 volts	230+/- 10 volts 415 +/- 10 volts	230+/- 10 volts 415 +/- 10 volts
POWER CURRENT	3.3kW Single Socket 9.3kW Dual Socket	7.4kW Single Gun 15kW Dual Gun 22kW 3 Phase	7.4kW Single Gun 3.3kW Dual Gun
PHASE	Bharat 1 socket – Single Bharat 3 socket – 3 Ph.	Type 2, 7.4kW 1 Gun – Single Phase 2 Gun – 3 Phase 11/22kW – 3 Phase	3 Phase
CHARGING TIME	Car Charging: 10 hr 2/3 Wheelers: 4/5 hr	Car Charging: 5-7 hr	Car Charging: 5-7 hr 2/3 Wheelers: 4-5 hr
POWER LOSS (standby)	20 Watts	20 Watts	20 Watts
EXPENDABLE	Customizable as per requirement	Customizable as per requirement	Customizable as per requirement
COMMUNICATION	WiFi / GSM	WiFi / GSM	WiFi / GSM
PROTOCOL	OCPP 1.6 V2	OCPP 1.6 V2	OCPP 1.6 V2
ENCLOSURE	IP 55	IP 55	IP 55
OPERATING TEMP.	-25 to 55 *C	-25 to 55 *C	-25 to 55 *C
IS STANDARD	IS18017 (Part2/Sec7)	IS18017 (Part2/Sec7)	IS18017 (Part2/Sec7)
IEC STANDARD	IEC 61851-1	IEC 61851-1	IEC 61851-1

DC CHARGERS

Up to:
120 KW

Charging Outlet

Rhine



LED Status & Indicator
4 inch color display

RFID reader



Emergency Stop Button



UPGRADABLE



IP55 DESIGN



WiFi & GSM



OCPP & PLUG-N-PLAY

DC CHARGERS

	30-60 KW	120 KW
INPUT VOLTAGE	Nominal Voltage 380/400/415 (L-L) Voltage range 320-520 VAC	Nominal Voltage 380/400/415 (L-L) Voltage range 320-520 VAC
POWER CURRENT	46A/phase or 78A L-L 33kVA for 30kW 400AC (L-L) 93A/phase or 125 A L-L 65kVA for 60 kW 22kW outlet type 2 (optional)	92 A/ Phase or 186A L-L, 129kVA for 120 kW @ 400 AC (L-L) 22kW outlet type 2 (optional) 22kW outlet type 2 (optional)
PHASE	Three phase TN-S connected 4 Wire	Three phase TN-S connected 4 Wire
CAR CHARGING TIME	30KW: Less than 80 min 60KW: Less than 60 min	120KW: Less than 60 min
POWER LOSS (standby)	< 60 Watts	< 60 Watts
COMMUNICATION	WiFi / GSM / Ethernet- RJ45	WiFi / GSM / Ethernet- RJ45
PROTOCOL	OCPP 1.6 J	OCPP 1.6 J
ENCLOSURE	IP 54	IP 54
OPERATING TEMP.	-30 to 75 *C	-30 to 75 *C
APPLICABLE STANDARD	Complied as per Safety: IEC 61851-1; IEC 61851-21-2; IEC 61851-23; IEC 61851-24; IEC 62196-1; IEC 62196-3; IEC 61000 Other: ARAI (AIS 138 Part 2) Vehicle Communication: DIN 70121, ISO 15118	Complied as per Safety: IEC 61851-1; IEC 61851-21-2; IEC 61851-23; IEC 61851-24; IEC 62196-1; IEC 62196-3; IEC 61000 Other: ARAI (AIS 138 Part 2) Vehicle Communication: DIN 70121, ISO 15118

CCS2 60 KW

PRODUCT PORTFOLIO

ROPE CHARGERS

Up to:
7.4 KW

Type 2 Gun
5 meter length

1.8 inch Color Display

Rhine



LED Status Indicator



LIGHTWEIGHT



IP67 DESIGN



PORTABLE



PLUG-N-PLAY

ROPE CHARGERS

	3.3 KW & 7.4 KW
INPUT VOLTAGE	230 +/- 10 Volt
POWER CURRENT	3.3 kW 16 Amps or 7.4 KW 32 Amp
Protection	OL, UV, OC, UC,EF
PHASE	Single/ three
CAR CHARGING TIME (30–40 kwh)	3.3 KW: Less than 12 hrs 7.4 KW: Less than 6 hrs
POWER LOSS (standby)	< 20 Watts
COMMUNICATION	With Vehicle: PWM based
CABLE LENGTH , WEIGHT	5 meters , 2.5 KG
ENCLOSURE	IP 65 outdoor standalone; Plastic ABS
OPERATING TEMP.	-20 to 50 *C
APPLICABLE STANDARD	IS17017 (Part 2/Sec 7): 2023; IEC 61851-1; IEC 62196-2-II
CONNECTOR TYPE	Type 2 gun as power IEC-2196-2 II



PRODUCT PORTFOLIO

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Customizable Display

Input Sockets
Expandable socket design

LED Status & Indicator
10 inch color display

RFID reader

Charging Outlet

Wall and Foot Mount optional



UPGRADABLE



**TYPE B RCCB
TYPE C SPD**



WiFi & GSM



OCPP & Plug-n-Play

AC CHARGERS

	BHARAT 01	TYPE 2 SINGLE PHASE & 3 PHASE	HYBRID
INPUT VOLTAGE	230+/- 10 volts 415 +/- 10 volts	230+/- 10 volts 415 +/- 10 volts	230+/- 10 volts 415 +/- 10 volts
POWER CURRENT	3.3kW Single Socket 9.3kW Dual Socket	7.4kW Single Gun 15kW Dual Gun 22kW 3 Phase	7.4kW Single Gun 3.3kW Dual Gun
PHASE	Bharat 1 socket – Single Bharat 3 socket – 3 Ph.	Type 2, 7.4kW 1 Gun – Single Phase 2 Gun – 3 Phase 11/22kW – 3 Phase	3 Phase
CHARGING TIME	Car Charging: 10 hr 2/3 Wheelers: 4/5 hr	Car Charging: 5-7 hr	Car Charging: 5-7 hr 2/3 Wheelers: 4-5 hr
POWER LOSS (standby)	20 Watts	20 Watts	20 Watts
EXPENDABLE	Customizable as per requirement	Customizable as per requirement	Customizable as per requirement
COMMUNICATION	WiFi / GSM	WiFi / GSM	WiFi / GSM
PROTOCOL	OCPP 1.6 V2	OCPP 1.6 V2	OCPP 1.6 V2
ENCLOSURE	IP 55	IP 55	IP 55
OPERATING TEMP.	-25 to 55 *C	-25 to 55 *C	-25 to 55 *C
IS STANDARD	IS18017 (Part2/Sec7)	IS18017 (Part2/Sec7)	IS18017 (Part2/Sec7)
IEC STANDARD	IEC 61851-1	IEC 61851-1	IEC 61851-1

DC CHARGERS

Up to:
120 KW

Charging Outlet

Rhine



LED Status & Indicator
4 inch color display

RFID reader



Emergency Stop Button



UPGRADABLE



IP55 DESIGN



WiFi & GSM



OCPP & PLUG-N-PLAY

DC CHARGERS

	30-60 KW	120 KW
INPUT VOLTAGE	Nominal Voltage 380/400/415 (L-L) Voltage range 320-520 VAC	Nominal Voltage 380/400/415 (L-L) Voltage range 320-520 VAC
POWER CURRENT	46A/phase or 78A L-L 33kVA for 30kW 400AC (L-L) 93A/phase or 125 A L-L 65kVA for 60 kW 22kW outlet type 2 (optional)	92 A/ Phase or 186A L-L, 129kVA for 120 kW @ 400 AC (L-L) 22kW outlet type 2 (optional) 22kW outlet type 2 (optional)
PHASE	Three phase TN-S connected 4 Wire	Three phase TN-S connected 4 Wire
CAR CHARGING TIME	30KW: Less than 80 min 60KW: Less than 60 min	120KW: Less than 60 min
POWER LOSS (standby)	< 60 Watts	< 60 Watts
COMMUNICATION	WiFi / GSM / Ethernet- RJ45	WiFi / GSM / Ethernet- RJ45
PROTOCOL	OCPP 1.6 J	OCPP 1.6 J
ENCLOSURE	IP 54	IP 54
OPERATING TEMP.	-30 to 75 *C	-30 to 75 *C
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CCS2 60 KW

PRODUCT PORTFOLIO

ROPE CHARGERS

Up to:
7.4 KW

Type 2 Gun
5 meter length



LIGHTWEIGHT



IP67 DESIGN



PORTABLE



PLUG-N-PLAY

ROPE CHARGERS

	3.3 KW & 7.4 KW
INPUT VOLTAGE	230 +/- 10 Volt
POWER CURRENT	3.3 kW 16 Amps or 7.4 KW 32 Amp
Protection	OL, UV, OC, UC,EF
PHASE	Single/ three
CAR CHARGING TIME (30–40 kwh)	3.3 KW: Less than 12 hrs 7.4 KW: Less than 6 hrs
POWER LOSS (standby)	< 20 Watts
COMMUNICATION	With Vehicle: PWM based
CABLE LENGTH , WEIGHT	5 meters , 2.5 KG
ENCLOSURE	IP 65 outdoor standalone; Plastic ABS
OPERATING TEMP.	-20 to 50 *C
APPLICABLE STANDARD	IS17017 (Part 2/Sec 7): 2023; IEC 61851-1; IEC 62196-2-II
CONNECTOR TYPE	Type 2 gun as power IEC-2196-2 II



PRODUCT PORTFOLIO

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Rhine Intelligence LLP.

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Works: 2nd Floor, Plot No. 44, Sector 5, IMT Manesar, Gurgaon, Harayana, 122050

Contact Details: sirajuddin.ali@grouprhine.com

Phone: +91-9560467444



GROUP RHINE



AC & DC CHARGERS

ABOUT US

We, **GROUP RHINE**, are a leading manufacturer of electrical distribution solutions aimed at serving end-to-end needs of the power market, while promoting sustainable energy use.

As the demand for reliable power continues to surge, our solutions offer transformative technologies that optimize energy efficiency, enhance grid reliability, and empower sustainable practices with products that cut across the power and distribution value-chain.

From cutting-edge **power & distribution transformers** to **energy storage systems**, high-capacity **MV panels**, **RMUs** and **smart metering solutions**, we deliver a suite of innovative technologies that ensure uninterrupted energy flow and efficient grid management. Our offerings also include **EV Charging** infra for greener transportation and **modular data center solutions** for scalable computing power.

100+
Employees

Executed
1,000+ Projects

25+ Years of
Experience

Trusted by
500+ Clients

With approvals across **20+ utilities** and **government bodies** and through our supplies in various industrial sectors we have established a strong foothold across the India and International market. Our esteemed clients include:



CAPABILITIES

Advanced Engineering & Design

Every EV charger is designed with precision and care to ensure reliability and efficiency. Each design is rigorously tested for scalability, ease of use, and durability. Our patented innovations guarantee cutting-edge technology, while dust-free operation ensures long-lasting performance. By focusing on cost-effective solutions, we deliver high-quality chargers that meet the demands of today and the future.



Precision Craftsmanship

We employ a vertically integrated manufacturing process, allowing complete control over each stage of production. Our advanced facilities utilize precision engineering, automation, and rigorous quality control systems to ensure the highest performance and reliability. By optimizing every aspect of the supply chain, we deliver chargers that exceed industry standards, while maintaining eco-friendly and sustainable practices.



AC CHARGERS

Up to:
22 KW



Customizable Display

Input Sockets
Expandable socket design

LED Status & Indicator
10 inch color display

RFID reader

Charging Outlet

Wall and Foot Mount optional



UPGRADABLE



**TYPE B RCCB
TYPE C SPD**



WiFi & GSM



OCPP & Plug-n-Play

AC CHARGERS

	BHARAT 01	TYPE 2 SINGLE PHASE & 3 PHASE	HYBRID
INPUT VOLTAGE	230+/- 10 volts 415 +/- 10 volts	230+/- 10 volts 415 +/- 10 volts	230+/- 10 volts 415 +/- 10 volts
POWER CURRENT	3.3kW Single Socket 9.3kW Dual Socket	7.4kW Single Gun 15kW Dual Gun 22kW 3 Phase	7.4kW Single Gun 3.3kW Dual Gun
PHASE	Bharat 1 socket – Single Bharat 3 socket – 3 Ph.	Type 2, 7.4kW 1 Gun – Single Phase 2 Gun – 3 Phase 11/22kW – 3 Phase	3 Phase
CHARGING TIME	Car Charging: 10 hr 2/3 Wheelers: 4/5 hr	Car Charging: 5-7 hr	Car Charging: 5-7 hr 2/3 Wheelers: 4-5 hr
POWER LOSS (standby)	20 Watts	20 Watts	20 Watts
EXPENDABLE	Customizable as per requirement	Customizable as per requirement	Customizable as per requirement
COMMUNICATION	WiFi / GSM	WiFi / GSM	WiFi / GSM
PROTOCOL	OCPP 1.6 V2	OCPP 1.6 V2	OCPP 1.6 V2
ENCLOSURE	IP 55	IP 55	IP 55
OPERATING TEMP.	-25 to 55 *C	-25 to 55 *C	-25 to 55 *C
IS STANDARD	IS18017 (Part2/Sec7)	IS18017 (Part2/Sec7)	IS18017 (Part2/Sec7)
IEC STANDARD	IEC 61851-1	IEC 61851-1	IEC 61851-1

DC CHARGERS

Up to:
120 KW

Charging Outlet

Rhine



LED Status & Indicator
4 inch color display

RFID reader



Emergency Stop Button



UPGRADABLE



IP55 DESIGN



WiFi & GSM



OCPP & PLUG-N-PLAY

DC CHARGERS

	30-60 KW	120 KW
INPUT VOLTAGE	Nominal Voltage 380/400/415 (L-L) Voltage range 320-520 VAC	Nominal Voltage 380/400/415 (L-L) Voltage range 320-520 VAC
POWER CURRENT	46A/phase or 78A L-L 33kVA for 30kW 400AC (L-L) 93A/phase or 125 A L-L 65kVA for 60 kW 22kW outlet type 2 (optional)	92 A/ Phase or 186A L-L, 129kVA for 120 kW @ 400 AC (L-L) 22kW outlet type 2 (optional) 22kW outlet type 2 (optional)
PHASE	Three phase TN-S connected 4 Wire	Three phase TN-S connected 4 Wire
CAR CHARGING TIME	30KW: Less than 80 min 60KW: Less than 60 min	120KW: Less than 60 min
POWER LOSS (standby)	< 60 Watts	< 60 Watts
COMMUNICATION	WiFi / GSM / Ethernet- RJ45	WiFi / GSM / Ethernet- RJ45
PROTOCOL	OCPP 1.6 J	OCPP 1.6 J
ENCLOSURE	IP 54	IP 54
OPERATING TEMP.	-30 to 75 *C	-30 to 75 *C
APPLICABLE STANDARD	Complied as per Safety: IEC 61851-1; IEC 61851-21-2; IEC 61851-23; IEC 61851-24; IEC 62196-1; IEC 62196-3; IEC 61000 Other: ARAI (AIS 138 Part 2) Vehicle Communication: DIN 70121, ISO 15118	Complied as per Safety: IEC 61851-1; IEC 61851-21-2; IEC 61851-23; IEC 61851-24; IEC 62196-1; IEC 62196-3; IEC 61000 Other: ARAI (AIS 138 Part 2) Vehicle Communication: DIN 70121, ISO 15118

CCS2 60 KW

PRODUCT PORTFOLIO

ROPE CHARGERS

Up to:
7.4 KW

Type 2 Gun
5 meter length

1.8 inch Color Display

Rhine



LED Status Indicator



LIGHTWEIGHT



IP67 DESIGN



PORTABLE



PLUG-N-PLAY

ROPE CHARGERS

	3.3 KW & 7.4 KW
INPUT VOLTAGE	230 +/- 10 Volt
POWER CURRENT	3.3 kW 16 Amps or 7.4 KW 32 Amp
Protection	OL, UV, OC, UC,EF
PHASE	Single/ three
CAR CHARGING TIME (30–40 kwh)	3.3 KW: Less than 12 hrs 7.4 KW: Less than 6 hrs
POWER LOSS (standby)	< 20 Watts
COMMUNICATION	With Vehicle: PWM based
CABLE LENGTH , WEIGHT	5 meters , 2.5 KG
ENCLOSURE	IP 65 outdoor standalone; Plastic ABS
OPERATING TEMP.	-20 to 50 *C
APPLICABLE STANDARD	IS17017 (Part 2/Sec 7): 2023; IEC 61851-1; IEC 62196-2-II
CONNECTOR TYPE	Type 2 gun as power IEC-2196-2 II



PRODUCT PORTFOLIO

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Precision Craftsmanship



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AC CHARGERS

Up to:
22 KW



Customizable Display

Input Sockets
Expandable socket design

LED Status & Indicator
10 inch color display

RFID reader

Charging Outlet

Wall and Foot Mount optional



UPGRADABLE



**TYPE B RCCB
TYPE C SPD**



WiFi & GSM



OCPP & Plug-n-Play

AC CHARGERS

	BHARAT 01	TYPE 2 SINGLE PHASE & 3 PHASE	HYBRID
INPUT VOLTAGE	230+/- 10 volts 415 +/- 10 volts	230+/- 10 volts 415 +/- 10 volts	230+/- 10 volts 415 +/- 10 volts
POWER CURRENT	3.3kW Single Socket 9.3kW Dual Socket	7.4kW Single Gun 15kW Dual Gun 22kW 3 Phase	7.4kW Single Gun 3.3kW Dual Gun
PHASE	Bharat 1 socket – Single Bharat 3 socket – 3 Ph.	Type 2, 7.4kW 1 Gun – Single Phase 2 Gun – 3 Phase 11/22kW – 3 Phase	3 Phase
CHARGING TIME	Car Charging: 10 hr 2/3 Wheelers: 4/5 hr	Car Charging: 5-7 hr	Car Charging: 5-7 hr 2/3 Wheelers: 4-5 hr
POWER LOSS (standby)	20 Watts	20 Watts	20 Watts
EXPENDABLE	Customizable as per requirement	Customizable as per requirement	Customizable as per requirement
COMMUNICATION	WiFi / GSM	WiFi / GSM	WiFi / GSM
PROTOCOL	OCPP 1.6 V2	OCPP 1.6 V2	OCPP 1.6 V2
ENCLOSURE	IP 55	IP 55	IP 55
OPERATING TEMP.	-25 to 55 *C	-25 to 55 *C	-25 to 55 *C
IS STANDARD	IS18017 (Part2/Sec7)	IS18017 (Part2/Sec7)	IS18017 (Part2/Sec7)
IEC STANDARD	IEC 61851-1	IEC 61851-1	IEC 61851-1

DC CHARGERS

Up to:
120 KW

Charging Outlet

Rhine



LED Status & Indicator
4 inch color display

RFID reader



Emergency Stop Button



UPGRADABLE



IP55 DESIGN



WiFi & GSM



OCPP & PLUG-N-PLAY

DC CHARGERS

	30-60 KW	120 KW
INPUT VOLTAGE	Nominal Voltage 380/400/415 (L-L) Voltage range 320-520 VAC	Nominal Voltage 380/400/415 (L-L) Voltage range 320-520 VAC
POWER CURRENT	46A/phase or 78A L-L 33kVA for 30kW 400AC (L-L) 93A/phase or 125 A L-L 65kVA for 60 kW 22kW outlet type 2 (optional)	92 A/ Phase or 186A L-L, 129kVA for 120 kW @ 400 AC (L-L) 22kW outlet type 2 (optional) 22kW outlet type 2 (optional)
PHASE	Three phase TN-S connected 4 Wire	Three phase TN-S connected 4 Wire
CAR CHARGING TIME	30KW: Less than 80 min 60KW: Less than 60 min	120KW: Less than 60 min
POWER LOSS (standby)	< 60 Watts	< 60 Watts
COMMUNICATION	WiFi / GSM / Ethernet- RJ45	WiFi / GSM / Ethernet- RJ45
PROTOCOL	OCPP 1.6 J	OCPP 1.6 J
ENCLOSURE	IP 54	IP 54
OPERATING TEMP.	-30 to 75 *C	-30 to 75 *C
APPLICABLE STANDARD	Complied as per Safety: IEC 61851-1; IEC 61851-21-2; IEC 61851-23; IEC 61851-24; IEC 62196-1; IEC 62196-3; IEC 61000 Other: ARAI (AIS 138 Part 2) Vehicle Communication: DIN 70121, ISO 15118	Complied as per Safety: IEC 61851-1; IEC 61851-21-2; IEC 61851-23; IEC 61851-24; IEC 62196-1; IEC 62196-3; IEC 61000 Other: ARAI (AIS 138 Part 2) Vehicle Communication: DIN 70121, ISO 15118

CCS2 60 KW

PRODUCT PORTFOLIO

ROPE CHARGERS

Up to:
7.4 KW

Type 2 Gun
5 meter length



LIGHTWEIGHT



IP67 DESIGN



PORTABLE



PLUG-N-PLAY

ROPE CHARGERS

	3.3 KW & 7.4 KW
INPUT VOLTAGE	230 +/- 10 Volt
POWER CURRENT	3.3 kW 16 Amps or 7.4 KW 32 Amp
Protection	OL, UV, OC, UC,EF
PHASE	Single/ three
CAR CHARGING TIME (30–40 kwh)	3.3 KW: Less than 12 hrs 7.4 KW: Less than 6 hrs
POWER LOSS (standby)	< 20 Watts
COMMUNICATION	With Vehicle: PWM based
CABLE LENGTH , WEIGHT	5 meters , 2.5 KG
ENCLOSURE	IP 65 outdoor standalone; Plastic ABS
OPERATING TEMP.	-20 to 50 *C
APPLICABLE STANDARD	IS17017 (Part 2/Sec 7): 2023; IEC 61851-1; IEC 62196-2-II
CONNECTOR TYPE	Type 2 gun as power IEC-2196-2 II



PRODUCT PORTFOLIO

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AC CHARGERS

Up to:
22 KW



Customizable Display

Input Sockets
Expandable socket design

LED Status & Indicator
10 inch color display

RFID reader

Charging Outlet

Wall and Foot Mount optional



UPGRADABLE



**TYPE B RCCB
TYPE C SPD**



WiFi & GSM



OCPP & Plug-n-Play

AC CHARGERS

	BHARAT 01	TYPE 2 SINGLE PHASE & 3 PHASE	HYBRID
INPUT VOLTAGE	230+/- 10 volts 415 +/- 10 volts	230+/- 10 volts 415 +/- 10 volts	230+/- 10 volts 415 +/- 10 volts
POWER CURRENT	3.3kW Single Socket 9.3kW Dual Socket	7.4kW Single Gun 15kW Dual Gun 22kW 3 Phase	7.4kW Single Gun 3.3kW Dual Gun
PHASE	Bharat 1 socket – Single Bharat 3 socket – 3 Ph.	Type 2, 7.4kW 1 Gun – Single Phase 2 Gun – 3 Phase 11/22kW – 3 Phase	3 Phase
CHARGING TIME	Car Charging: 10 hr 2/3 Wheelers: 4/5 hr	Car Charging: 5-7 hr	Car Charging: 5-7 hr 2/3 Wheelers: 4-5 hr
POWER LOSS (standby)	20 Watts	20 Watts	20 Watts
EXPENDABLE	Customizable as per requirement	Customizable as per requirement	Customizable as per requirement
COMMUNICATION	WiFi / GSM	WiFi / GSM	WiFi / GSM
PROTOCOL	OCPP 1.6 V2	OCPP 1.6 V2	OCPP 1.6 V2
ENCLOSURE	IP 55	IP 55	IP 55
OPERATING TEMP.	-25 to 55 *C	-25 to 55 *C	-25 to 55 *C
IS STANDARD	IS18017 (Part2/Sec7)	IS18017 (Part2/Sec7)	IS18017 (Part2/Sec7)
IEC STANDARD	IEC 61851-1	IEC 61851-1	IEC 61851-1

DC CHARGERS

Up to:
120 KW

Charging Outlet

Rhine



LED Status & Indicator
4 inch color display

RFID reader



Emergency Stop Button



UPGRADABLE



IP55 DESIGN



WiFi & GSM



OCPP & PLUG-N-PLAY

DC CHARGERS

	30-60 KW	120 KW
INPUT VOLTAGE	Nominal Voltage 380/400/415 (L-L) Voltage range 320-520 VAC	Nominal Voltage 380/400/415 (L-L) Voltage range 320-520 VAC
POWER CURRENT	46A/phase or 78A L-L 33kVA for 30kW 400AC (L-L) 93A/phase or 125 A L-L 65kVA for 60 kW 22kW outlet type 2 (optional)	92 A/ Phase or 186A L-L, 129kVA for 120 kW @ 400 AC (L-L) 22kW outlet type 2 (optional) 22kW outlet type 2 (optional)
PHASE	Three phase TN-S connected 4 Wire	Three phase TN-S connected 4 Wire
CAR CHARGING TIME	30KW: Less than 80 min 60KW: Less than 60 min	120KW: Less than 60 min
POWER LOSS (standby)	< 60 Watts	< 60 Watts
COMMUNICATION	WiFi / GSM / Ethernet- RJ45	WiFi / GSM / Ethernet- RJ45
PROTOCOL	OCPP 1.6 J	OCPP 1.6 J
ENCLOSURE	IP 54	IP 54
OPERATING TEMP.	-30 to 75 *C	-30 to 75 *C
APPLICABLE STANDARD	Complied as per Safety: IEC 61851-1; IEC 61851-21-2; IEC 61851-23; IEC 61851-24; IEC 62196-1; IEC 62196-3; IEC 61000 Other: ARAI (AIS 138 Part 2) Vehicle Communication: DIN 70121, ISO 15118	Complied as per Safety: IEC 61851-1; IEC 61851-21-2; IEC 61851-23; IEC 61851-24; IEC 62196-1; IEC 62196-3; IEC 61000 Other: ARAI (AIS 138 Part 2) Vehicle Communication: DIN 70121, ISO 15118

CCS2 60 KW

PRODUCT PORTFOLIO

ROPE CHARGERS

Up to:
7.4 KW

Type 2 Gun
5 meter length

1.8 inch Color Display

Rhine



LED Status Indicator



LIGHTWEIGHT



IP67 DESIGN



PORTABLE



PLUG-N-PLAY

ROPE CHARGERS

	3.3 KW & 7.4 KW
INPUT VOLTAGE	230 +/- 10 Volt
POWER CURRENT	3.3 kW 16 Amps or 7.4 KW 32 Amp
Protection	OL, UV, OC, UC,EF
PHASE	Single/ three
CAR CHARGING TIME (30–40 kwh)	3.3 KW: Less than 12 hrs 7.4 KW: Less than 6 hrs
POWER LOSS (standby)	< 20 Watts
COMMUNICATION	With Vehicle: PWM based
CABLE LENGTH , WEIGHT	5 meters , 2.5 KG
ENCLOSURE	IP 65 outdoor standalone; Plastic ABS
OPERATING TEMP.	-20 to 50 *C
APPLICABLE STANDARD	IS17017 (Part 2/Sec 7): 2023; IEC 61851-1; IEC 62196-2-II
CONNECTOR TYPE	Type 2 gun as power IEC-2196-2 II



PRODUCT PORTFOLIO

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AC CHARGERS

Up to:
22 KW



Customizable Display

Input Sockets
Expandable socket design

LED Status & Indicator
10 inch color display

RFID reader

Charging Outlet

Wall and Foot Mount optional



UPGRADABLE



**TYPE B RCCB
TYPE C SPD**



WiFi & GSM



OCPP & Plug-n-Play

AC CHARGERS

	BHARAT 01	TYPE 2 SINGLE PHASE & 3 PHASE	HYBRID
INPUT VOLTAGE	230+/- 10 volts 415 +/- 10 volts	230+/- 10 volts 415 +/- 10 volts	230+/- 10 volts 415 +/- 10 volts
POWER CURRENT	3.3kW Single Socket 9.3kW Dual Socket	7.4kW Single Gun 15kW Dual Gun 22kW 3 Phase	7.4kW Single Gun 3.3kW Dual Gun
PHASE	Bharat 1 socket – Single Bharat 3 socket – 3 Ph.	Type 2, 7.4kW 1 Gun – Single Phase 2 Gun – 3 Phase 11/22kW – 3 Phase	3 Phase
CHARGING TIME	Car Charging: 10 hr 2/3 Wheelers: 4/5 hr	Car Charging: 5-7 hr	Car Charging: 5-7 hr 2/3 Wheelers: 4-5 hr
POWER LOSS (standby)	20 Watts	20 Watts	20 Watts
EXPENDABLE	Customizable as per requirement	Customizable as per requirement	Customizable as per requirement
COMMUNICATION	WiFi / GSM	WiFi / GSM	WiFi / GSM
PROTOCOL	OCPP 1.6 V2	OCPP 1.6 V2	OCPP 1.6 V2
ENCLOSURE	IP 55	IP 55	IP 55
OPERATING TEMP.	-25 to 55 *C	-25 to 55 *C	-25 to 55 *C
IS STANDARD	IS18017 (Part2/Sec7)	IS18017 (Part2/Sec7)	IS18017 (Part2/Sec7)
IEC STANDARD	IEC 61851-1	IEC 61851-1	IEC 61851-1

DC CHARGERS

Up to:
120 KW

Charging Outlet

Rhine



LED Status & Indicator
4 inch color display

RFID reader



Emergency Stop Button



UPGRADABLE



IP55 DESIGN



WiFi & GSM



OCPP & PLUG-N-PLAY

DC CHARGERS

	30-60 KW	120 KW
INPUT VOLTAGE	Nominal Voltage 380/400/415 (L-L) Voltage range 320-520 VAC	Nominal Voltage 380/400/415 (L-L) Voltage range 320-520 VAC
POWER CURRENT	46A/phase or 78A L-L 33kVA for 30kW 400AC (L-L) 93A/phase or 125 A L-L 65kVA for 60 kW 22kW outlet type 2 (optional)	92 A/ Phase or 186A L-L, 129kVA for 120 kW @ 400 AC (L-L) 22kW outlet type 2 (optional) 22kW outlet type 2 (optional)
PHASE	Three phase TN-S connected 4 Wire	Three phase TN-S connected 4 Wire
CAR CHARGING TIME	30KW: Less than 80 min 60KW: Less than 60 min	120KW: Less than 60 min
POWER LOSS (standby)	< 60 Watts	< 60 Watts
COMMUNICATION	WiFi / GSM / Ethernet- RJ45	WiFi / GSM / Ethernet- RJ45
PROTOCOL	OCPP 1.6 J	OCPP 1.6 J
ENCLOSURE	IP 54	IP 54
OPERATING TEMP.	-30 to 75 *C	-30 to 75 *C
APPLICABLE STANDARD	Complied as per Safety: IEC 61851-1; IEC 61851-21-2; IEC 61851-23; IEC 61851-24; IEC 62196-1; IEC 62196-3; IEC 61000 Other: ARAI (AIS 138 Part 2) Vehicle Communication: DIN 70121, ISO 15118	Complied as per Safety: IEC 61851-1; IEC 61851-21-2; IEC 61851-23; IEC 61851-24; IEC 62196-1; IEC 62196-3; IEC 61000 Other: ARAI (AIS 138 Part 2) Vehicle Communication: DIN 70121, ISO 15118

CCS2 60 KW

PRODUCT PORTFOLIO

ROPE CHARGERS

Up to:
7.4 KW

Type 2 Gun
5 meter length



1.8 inch Color Display



LIGHTWEIGHT



IP67 DESIGN



PORTABLE



PLUG-N-PLAY

LED Status Indicator

ROPE CHARGERS

	3.3 KW & 7.4 KW
INPUT VOLTAGE	230 +/- 10 Volt
POWER CURRENT	3.3 kW 16 Amps or 7.4 KW 32 Amp
Protection	OL, UV, OC, UC,EF
PHASE	Single/ three
CAR CHARGING TIME (30–40 kwh)	3.3 KW: Less than 12 hrs 7.4 KW: Less than 6 hrs
POWER LOSS (standby)	< 20 Watts
COMMUNICATION	With Vehicle: PWM based
CABLE LENGTH , WEIGHT	5 meters , 2.5 KG
ENCLOSURE	IP 65 outdoor standalone; Plastic ABS
OPERATING TEMP.	-20 to 50 *C
APPLICABLE STANDARD	IS17017 (Part 2/Sec 7): 2023; IEC 61851-1; IEC 62196-2-II
CONNECTOR TYPE	Type 2 gun as power IEC-2196-2 II



PRODUCT PORTFOLIO

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Contact Details: sirajuddin.ali@grouprhine.com

Phone: +91-9560467444



GROUP RHINE



AC & DC CHARGERS

ABOUT US

We, **GROUP RHINE**, are a leading manufacturer of electrical distribution solutions aimed at serving end-to-end needs of the power market, while promoting sustainable energy use.

As the demand for reliable power continues to surge, our solutions offer transformative technologies that optimize energy efficiency, enhance grid reliability, and empower sustainable practices with products that cut across the power and distribution value-chain.

From cutting-edge **power & distribution transformers** to **energy storage systems**, high-capacity **MV panels**, **RMUs** and **smart metering solutions**, we deliver a suite of innovative technologies that ensure uninterrupted energy flow and efficient grid management. Our offerings also include **EV Charging** infra for greener transportation and **modular data center solutions** for scalable computing power.

100+

Employees

Executed

1,000+ Projects

25+ Years of
Experience

Trusted by
500+ Clients

With approvals across **20+ utilities** and **government bodies** and through our supplies in various industrial sectors we have established a strong foothold across the India and International market. Our esteemed clients include:



CAPABILITIES

Advanced Engineering & Design

Every EV charger is designed with precision and care to ensure reliability and efficiency. Each design is rigorously tested for scalability, ease of use, and durability. Our patented innovations guarantee cutting-edge technology, while dust-free operation ensures long-lasting performance. By focusing on cost-effective solutions, we deliver high-quality chargers that meet the demands of today and the future.



Precision Craftsmanship

We employ a vertically integrated manufacturing process, allowing complete control over each stage of production. Our advanced facilities utilize precision engineering, automation, and rigorous quality control systems to ensure the highest performance and reliability. By optimizing every aspect of the supply chain, we deliver chargers that exceed industry standards, while maintaining eco-friendly and sustainable practices.



AC CHARGERS

Up to:
22 KW



Customizable Display

Input Sockets
Expandable socket design

LED Status & Indicator
10 inch color display

RFID reader

Charging Outlet

Wall and Foot Mount optional



UPGRADABLE



**TYPE B RCCB
TYPE C SPD**



WiFi & GSM



OCPP & Plug-n-Play

AC CHARGERS

	BHARAT 01	TYPE 2 SINGLE PHASE & 3 PHASE	HYBRID
INPUT VOLTAGE	230+/- 10 volts 415 +/- 10 volts	230+/- 10 volts 415 +/- 10 volts	230+/- 10 volts 415 +/- 10 volts
POWER CURRENT	3.3kW Single Socket 9.3kW Dual Socket	7.4kW Single Gun 15kW Dual Gun 22kW 3 Phase	7.4kW Single Gun 3.3kW Dual Gun
PHASE	Bharat 1 socket – Single Bharat 3 socket – 3 Ph.	Type 2, 7.4kW 1 Gun – Single Phase 2 Gun – 3 Phase 11/22kW – 3 Phase	3 Phase
CHARGING TIME	Car Charging: 10 hr 2/3 Wheelers: 4/5 hr	Car Charging: 5-7 hr	Car Charging: 5-7 hr 2/3 Wheelers: 4-5 hr
POWER LOSS (standby)	20 Watts	20 Watts	20 Watts
EXPENDABLE	Customizable as per requirement	Customizable as per requirement	Customizable as per requirement
COMMUNICATION	WiFi / GSM	WiFi / GSM	WiFi / GSM
PROTOCOL	OCPP 1.6 V2	OCPP 1.6 V2	OCPP 1.6 V2
ENCLOSURE	IP 55	IP 55	IP 55
OPERATING TEMP.	-25 to 55 *C	-25 to 55 *C	-25 to 55 *C
IS STANDARD	IS18017 (Part2/Sec7)	IS18017 (Part2/Sec7)	IS18017 (Part2/Sec7)
IEC STANDARD	IEC 61851-1	IEC 61851-1	IEC 61851-1

DC CHARGERS

Up to:
120 KW

Charging Outlet

Rhine



LED Status & Indicator
4 inch color display



RFID reader



Emergency Stop Button



UPGRADABLE



IP55 DESIGN



WiFi & GSM



OCPP & PLUG-N-PLAY

DC CHARGERS

	30-60 KW	120 KW
INPUT VOLTAGE	Nominal Voltage 380/400/415 (L-L) Voltage range 320-520 VAC	Nominal Voltage 380/400/415 (L-L) Voltage range 320-520 VAC
POWER CURRENT	46A/phase or 78A L-L 33kVA for 30kW 400AC (L-L) 93A/phase or 125 A L-L 65kVA for 60 kW 22kW outlet type 2 (optional)	92 A/ Phase or 186A L-L, 129kVA for 120 kW @ 400 AC (L-L) 22kW outlet type 2 (optional) 22kW outlet type 2 (optional)
PHASE	Three phase TN-S connected 4 Wire	Three phase TN-S connected 4 Wire
CAR CHARGING TIME	30KW: Less than 80 min 60KW: Less than 60 min	120KW: Less than 60 min
POWER LOSS (standby)	< 60 Watts	< 60 Watts
COMMUNICATION	WiFi / GSM / Ethernet- RJ45	WiFi / GSM / Ethernet- RJ45
PROTOCOL	OCPP 1.6 J	OCPP 1.6 J
ENCLOSURE	IP 54	IP 54
OPERATING TEMP.	-30 to 75 *C	-30 to 75 *C
APPLICABLE STANDARD	Complied as per Safety: IEC 61851-1; IEC 61851-21-2; IEC 61851-23; IEC 61851-24; IEC 62196-1; IEC 62196-3; IEC 61000 Other: ARAI (AIS 138 Part 2) Vehicle Communication: DIN 70121, ISO 15118	Complied as per Safety: IEC 61851-1; IEC 61851-21-2; IEC 61851-23; IEC 61851-24; IEC 62196-1; IEC 62196-3; IEC 61000 Other: ARAI (AIS 138 Part 2) Vehicle Communication: DIN 70121, ISO 15118

CCS2 60 KW

PRODUCT PORTFOLIO

ROPE CHARGERS

Up to:
7.4 KW

Type 2 Gun
5 meter length

1.8 inch Color Display

Rhine



LED Status Indicator



LIGHTWEIGHT



IP67 DESIGN



PORTABLE



PLUG-N-PLAY

ROPE CHARGERS

	3.3 KW & 7.4 KW
INPUT VOLTAGE	230 +/- 10 Volt
POWER CURRENT	3.3 kW 16 Amps or 7.4 KW 32 Amp
Protection	OL, UV, OC, UC,EF
PHASE	Single/ three
CAR CHARGING TIME (30–40 kwh)	3.3 KW: Less than 12 hrs 7.4 KW: Less than 6 hrs
POWER LOSS (standby)	< 20 Watts
COMMUNICATION	With Vehicle: PWM based
CABLE LENGTH , WEIGHT	5 meters , 2.5 KG
ENCLOSURE	IP 65 outdoor standalone; Plastic ABS
OPERATING TEMP.	-20 to 50 *C
APPLICABLE STANDARD	IS17017 (Part 2/Sec 7): 2023; IEC 61851-1; IEC 62196-2-II
CONNECTOR TYPE	Type 2 gun as power IEC-2196-2 II



PRODUCT PORTFOLIO

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AC CHARGERS

Up to:
22 KW



Customizable Display

Input Sockets
Expandable socket design

LED Status & Indicator
10 inch color display

RFID reader

Charging Outlet

Wall and Foot Mount optional



UPGRADABLE



**TYPE B RCCB
TYPE C SPD**



WiFi & GSM



OCPP & Plug-n-Play

AC CHARGERS

	BHARAT 01	TYPE 2 SINGLE PHASE & 3 PHASE	HYBRID
INPUT VOLTAGE	230+/- 10 volts 415 +/- 10 volts	230+/- 10 volts 415 +/- 10 volts	230+/- 10 volts 415 +/- 10 volts
POWER CURRENT	3.3kW Single Socket 9.3kW Dual Socket	7.4kW Single Gun 15kW Dual Gun 22kW 3 Phase	7.4kW Single Gun 3.3kW Dual Gun
PHASE	Bharat 1 socket – Single Bharat 3 socket – 3 Ph.	Type 2, 7.4kW 1 Gun – Single Phase 2 Gun – 3 Phase 11/22kW – 3 Phase	3 Phase
CHARGING TIME	Car Charging: 10 hr 2/3 Wheelers: 4/5 hr	Car Charging: 5-7 hr	Car Charging: 5-7 hr 2/3 Wheelers: 4-5 hr
POWER LOSS (standby)	20 Watts	20 Watts	20 Watts
EXPENDABLE	Customizable as per requirement	Customizable as per requirement	Customizable as per requirement
COMMUNICATION	WiFi / GSM	WiFi / GSM	WiFi / GSM
PROTOCOL	OCPP 1.6 V2	OCPP 1.6 V2	OCPP 1.6 V2
ENCLOSURE	IP 55	IP 55	IP 55
OPERATING TEMP.	-25 to 55 *C	-25 to 55 *C	-25 to 55 *C
IS STANDARD	IS18017 (Part2/Sec7)	IS18017 (Part2/Sec7)	IS18017 (Part2/Sec7)
IEC STANDARD	IEC 61851-1	IEC 61851-1	IEC 61851-1

DC CHARGERS

Up to:
120 KW

Charging Outlet

Rhine



LED Status & Indicator
4 inch color display

RFID reader



Emergency Stop Button



UPGRADABLE



IP55 DESIGN



WiFi & GSM



OCPP & PLUG-N-PLAY

DC CHARGERS

	30-60 KW	120 KW
INPUT VOLTAGE	Nominal Voltage 380/400/415 (L-L) Voltage range 320-520 VAC	Nominal Voltage 380/400/415 (L-L) Voltage range 320-520 VAC
POWER CURRENT	46A/phase or 78A L-L 33kVA for 30kW 400AC (L-L) 93A/phase or 125 A L-L 65kVA for 60 kW 22kW outlet type 2 (optional)	92 A/ Phase or 186A L-L, 129kVA for 120 kW @ 400 AC (L-L) 22kW outlet type 2 (optional) 22kW outlet type 2 (optional)
PHASE	Three phase TN-S connected 4 Wire	Three phase TN-S connected 4 Wire
CAR CHARGING TIME	30KW: Less than 80 min 60KW: Less than 60 min	120KW: Less than 60 min
POWER LOSS (standby)	< 60 Watts	< 60 Watts
COMMUNICATION	WiFi / GSM / Ethernet- RJ45	WiFi / GSM / Ethernet- RJ45
PROTOCOL	OCPP 1.6 J	OCPP 1.6 J
ENCLOSURE	IP 54	IP 54
OPERATING TEMP.	-30 to 75 *C	-30 to 75 *C
APPLICABLE STANDARD	Complied as per Safety: IEC 61851-1; IEC 61851-21-2; IEC 61851-23; IEC 61851-24; IEC 62196-1; IEC 62196-3; IEC 61000 Other: ARAI (AIS 138 Part 2) Vehicle Communication: DIN 70121, ISO 15118	Complied as per Safety: IEC 61851-1; IEC 61851-21-2; IEC 61851-23; IEC 61851-24; IEC 62196-1; IEC 62196-3; IEC 61000 Other: ARAI (AIS 138 Part 2) Vehicle Communication: DIN 70121, ISO 15118

CCS2 60 KW

PRODUCT PORTFOLIO

ROPE CHARGERS

Up to:
7.4 KW

Type 2 Gun
5 meter length



LIGHTWEIGHT



IP67 DESIGN



PORTABLE



PLUG-N-PLAY

ROPE CHARGERS

	3.3 KW & 7.4 KW
INPUT VOLTAGE	230 +/- 10 Volt
POWER CURRENT	3.3 kW 16 Amps or 7.4 KW 32 Amp
Protection	OL, UV, OC, UC,EF
PHASE	Single/ three
CAR CHARGING TIME (30–40 kwh)	3.3 KW: Less than 12 hrs 7.4 KW: Less than 6 hrs
POWER LOSS (standby)	< 20 Watts
COMMUNICATION	With Vehicle: PWM based
CABLE LENGTH , WEIGHT	5 meters , 2.5 KG
ENCLOSURE	IP 65 outdoor standalone; Plastic ABS
OPERATING TEMP.	-20 to 50 *C
APPLICABLE STANDARD	IS17017 (Part 2/Sec 7): 2023; IEC 61851-1; IEC 62196-2-II
CONNECTOR TYPE	Type 2 gun as power IEC-2196-2 II



PRODUCT PORTFOLIO

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