

30 kW Single Gun DC Charger

Our new 30 kW charger is a cost-effective solution for fast DC chargers suitable for most of the cars which are on Indian road today with CCS2 connector. These chargers are designed to meet high reliability and give best user-friendly performance to adopt the new technology of EV. Unit comes with a 7" user friendly touch screen so that people can use the charger without any support and guidance.

Our chargers are suitable for fast DC Charging at public places, Housing Societies, shopping malls, Highways, Restaurants and Hotels. Compact design with floor mounting provisions to save space and easy installations.

Model - ZP1000120DC-CCS2-1G

Rectifier - 30 kW

System Output - 200 to 1000 V

Max Output Current - 120 Amps.

IP 54 Complied.

Single Gun

Dimension - D675xW570xH1950 mm





Technical Specifications

System Output Voltage Range	200 to 1000 V DC
Number of Output	1
Connector Maximum Output Current	120 A
Compliance and Safety	CE
Cable Length	5 m

General Specifications

Environment	Indoor / Outdoor / IP54
Operating Temp	-30° C to +55° C
Storage Temperature	-40° C to +70° C
Power Factor	≥ 0.99
THD	≤ 5%
Standby Power	≤ 12 W for Rectifier + Additional
Efficiency	≥ 95.8 %
Soft Start	3 to 8 Seconds
Output Power Reverse	Supports Protection for reversal.
Input Wire	3P + N + PE
Connector Type	CCS2 / CHAdeMO / GB/T or Type 2 Cable
Cabinet Material	Galvanized Steel / 120 GSM with RAL 7035 PP Coating
Cooling Method	FAN Cooling
Noise	≤ 60 dB
Humidity	5% - 95%
RFID System	ISO/IEC14443A/B
Payments	Smart Card, Server based Online Payments or as per the request.



Network Connection	10/100 Base-T Ethernet: GSM/4G Modem Options
Interaction Display	Full-Color (7 in 480x272 TFT) LCD display for driver interaction.
Visual Indicators	Error indication, Presence of input supply indication, Charge process indication and other relevant information.
Safety Protection	Over Current, Under Voltage, Over Voltage, Residual Current, Surge Protection, Short Circuit, Earth Fault, Emergency Shut-Down with Alarm, Protection against electric shock.
Electrical Protection	30 mA differential and Integrated Thermal Magnetic Circuit Breaker
Push Button	Mushroom Type Emergency Stop Switch (Red)
Communication Protocols	OCCP 1.6
Protection	IP 54
Dimensions (DxWxH) mm	675 x 570 x 1950 *

Input Specifications

AC Supply	Three -Phase, 4 Wire AC System
Nominal Input Voltage	285 to 475 VAC
Input Frequency	50 Hz, ± 10 Hz

Connector Specifications

Rated Voltage	DC 1200 V
Rated Current	DC 140 Amps
Electromagnetic Lock	Optional
Temperature Sensor	Optional

Note - Product dimension and physical appearance will vary from order to order and may not be same.

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