



BHARAT DC001

EV DC FAST CHARGER

MODEL : GP-EDF-15K



ELECTRIC IS FUTURE

DC EV CHARGER :

Apple Energy offers superior tried-and-tested best in class DC Fast Chargers for the fast-growing EV Market. These chargers come with top of the line efficiency standards enabling low power costs for customers. A wide voltage band of 100V to 500V DC in CHAdeMO, 100V to 750V DC in Combined Charging System (CCS) and 20V to 100V DC in BHARAT DC 001, it means all variants of electrical automobiles can be charged. Our dedicated service and support team is on call to address any field issues. Our superior Central Management Software (CMS) allows customers to monitor, operate, and track charger utilization and payments with a click of a button.

FEATURES :

- BHARAT DC001 with GB/T 20234.2.
- Output power capacity up-to 15 kW for DC001
- High brightness HMI touchscreen interface of 4.3" TFT color touch screen.
- Front panel visual indication for Mains available, System error, Charging status
- All-weather enclosure and (Ip54)
- Built-in communication modules for (3G/Wifi/LAN)
- Compliance with OCPP 1.6J protocol

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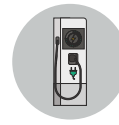
Applications :



HIGHWAY



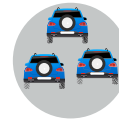
PARKING



SERVICE
STATION



COMMERCIAL



FLEET



RESIDENTIAL



HOTEL

Technical Specifications :

MODEL NO / INPUT		GP-EDF-15K
Input V oltag e (AC)		3 Phase 415V (375-440 Vac)
Power Factor		≥ 0.98
Efficiency		≥ 94%
Input Frequency		50 (+/- 1 Hz)
Wires		5 Wire L1,L2,L3, N, PE
OUTPUT		
Number Of Outputs		1 No
DC Output (Gun-1)		
DC Output Connector		GB/T 20234.3
DC Output V oltag e		100-500 V
DC Output Current		200 A Max
DC Output Power Rating		15 kW @ 48/60/72 V
USER INTERFACE AND CONTROL		
Display		7" TFT Color touch screen
User Authentication		OTP/RFID card
Buttons & Switch		English
Push Buttons		Display wake up, Emergency Stop
Visual Indication		Mains available, Charging Status, System Error
ENVIRONMENT		
Ambient T emperature		0°C to 55°C (Derating over 50°C)
Storage Temperature		0°C to 70°C
Altitude		≤ 2000 m (Derating over 2000 m)
Humidity		<95%, Non-condensing
Sound noise		< 55 dB in all directions
COMMUNICA TION		
Charger and V ehicle		CAN
Charger And CMS		Protocol : OCPP1.6 (Open Charge Point Protocol) Interface : LAN/ 3G/4G
PROTECTION		
Protection		Input Over Voltage, Input Under Voltage, Connection Abnormality, Emergency Stop, Lightning Protection, Leakage, Ground fault, Short Circuit, Over Current, Over Temperature, Reverse Battery Connection
Charging Protocol		OCPP 1.6
MECHANICAL		
Place of Installation		Indoor/Outdoor
Ingress Protection		IP 54
Enclosure Protection		Vandal Proof Metal Enclosure
Cooling		Natural Convection Air Cooled
Charging Wire Length		5 mtr
Dimension (WxDxH)		800 mm x 1050 mm x 1750 mm
Weight		180 kg

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