



EV

DC FAST CHARGER

MODEL : GP-EDF-30K

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 :

- Output power capacity up-to 30 kW with CCS-2 Type Connector
- 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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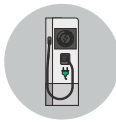
Applications :



HIGHWAY



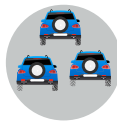
PARKING



SERVICE
STATION



COMMERCIAL



FLEET



RESIDENTIAL



HOTEL

Technical Specifications :

MODEL NO / INPUT		GP-EDF-30K
Input Voltage (AC)		3 Phase 400V (+/- 10%)
Power Factor		≥ 0.99
Efficiency		≥ 95%
Input Frequency		50/60 Hz
Wires		5 Wire L1,L2,L3, N, PE
OUTPUT		
Number Of Outputs		1 No
DC Output (Gun-1)		
DC Output Connector		IEC 62196-3 (CCS- 2)
DC Output V oltag		100-500 V
DC Output Current		80 A
DC Output Power Rating		30 kW
Output Mode		Mode-4
USER INTERFACE AND CONTROL		
Display		7" TFT Color touch screen
RFID		Available
ENVIRONMENT		
Ambient T emperature		-20°C to 60°C (Derating over 50°C)
Storage Temperature		-40°C to 70°C
Altitude		≤ 1000 m (Derating over 1000 m)
Humidity		<95%, Non-condensing
Sound noise		< 55 dB in all directions
COMMUNICA TION		
Charging Mode		Multi standard DC output (Mode-4)
Charger and V ehicle		PLC for CCS
Charger And CMS		Protocol : OCPP1.6 (Open Charge Point Protocol) Interface : Wifi/LAN/ 3G/4G
PROTECTION		
Protection		Input Over Voltage, Input Under Voltage, Connection Abnormality, Emergency Stop, Lightning Protection, Leakage, Short Circuit, Over Current, Over Temperature, Reverse Battery Connection
Charging Protocol		OCPP 1.6J
MECHANICAL		
Place of Installation		Indoor/Outdoor
Ingress Protection		IP 54, IK 10
Enclosure Protection		Hot dipped galvanized steel sheet
Cooling		Natural Convection
Charging Wire Length		5m
Dimension (WxDxH)		800 mm x 1050 mm x 1750 mm
Weight		180 kg

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