



AC TYPE 2 CHARGER – 22 kW

Key Features

- ✓ Best Suitable for parking in Public Charging Station
- ✓ Easy and quick to install
- ✓ Interactive 4.3" touchscreen display
- ✓ Interoperable with any CSMS in the world using international OCPP 1.6J Protocol
- ✓ Cellular Network connectivity for remote control and management
- ✓ One hour Power backup for billing in case of power failure
- ✓ Multicolor LED for Charger Status Indications
- ✓ Rechargeable RFID for user authentication and billing purpose through EVIT backend CSMS
- ✓ IEC 62196-2 standard compatible with all Type 2 Vehicles

EVI Technologies Private Limited

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Technical Specifications of AC Type 2 Charger – 22kW		
Input	Charger Type	Fast Charger
	Input Voltage	415 Vac + 10% or – 15 %
	Input Cable	5 Wire, L1, L2, L3, N, PE
	Rated Frequency	50Hz ± 3%
	Input Power	22 kW
	Metering	Class 1 Accuracy, Fundamental energy + Energy due to Harmonics
Output	Standard	AIS 138-1
	No. of Outlets	Single Charging Gun
	Vehicle Socket	IEC 62196-2, Type 2
	Output Power	22 kW
	Output Voltage	415 V AC
	Output Current	32 A AC
	Charging Cable Length	5 meters
Environment	IP Protection degree	IP 54
	Operating Ambient Temperature	0°C to 55°C
	Storage Temperature	0°C to 60°C
	Humidity Range	Maximum: 95%; Minimum: 5%
	Altitude	<2000mtr
	Cooling	Natural Cooling
User Interface	Display	4.3" Touch Screen LCD
	Visual Indication	RGB LEDs for the status of charge point
	Language	English
Mechanical	Dimensions (HxWxD)	1100mmx330mmx230mm
	Place of installation	Outdoor, Parking
	Installation Type	Floor mounting
	Weight	30 kg
Operating Requirements	Power Backup	One hour using Lead Acid Battery
	Data retrieval from Charger manually	Using SD Card/ USB
	Installation requirement	The installation requires earth leakage, circuit breaker protection and Earthing
	Billing	Via Mobile APP/ Bluetooth Thermal Printer
Protection Requirements	Protection	Over Voltage, Under Voltage, Over Current, Short Circuit, Surge Protection, Over Temperature, Ground Fault Protection, Residual Current, Emergency Shutdown, Protection against electric shock
Communication	Charger and CMS	OCPP 1.6J
	Charger and Vehicle	IEC 61196, IEC 61851
	Network interface	Wi-Fi/Cellular Network-2G/3G/4G
	User Authentication	RF-ID/Mobile App/Password-Based/Standalone Mode

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