

“Powering the Future, One Charge at a Time.”

URJAYANAM 2026

Our AC 7.4 kW EV Charger provides smart and reliable charging for homes, offices, and public spaces, featuring advanced connectivity, secure access, and efficient performance for a seamless EV charging experience.

EV CHARGER STATION



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+91-7702963663

Mail:
sales@mepstra.com

Address:
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LANE #1, Road, behind T.B.
HOSPITAL, near AG Colony,
Hyderabad, Telangana 500038

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AC 7.4 kW EV Charger

Designed to meet the urban charging needs of different users, our 7.4 kW AC charger delivers an efficient and safe charging experience. With advanced features and a user-friendly design, it is the perfect charging solution for residential, commercial, and industrial applications, allowing convenient charging at home and public locations.



⚡ Powerful Performance

- Rating: 7.4 kW
- 230VAC (±10%), 1-Phase, 50Hz
- Maximum Input Current: 32A

🔌 Output Port

- One IEC 62196
- Output Rating: 32A and 230V AC

🔒 Secure Access

- RFID Card Authentication
- QR Code Scan Access
- OCPP 1.6 Mobile App Support
- Offline Authentication Available

🌐 Advanced Connectivity

- 4G Connectivity (Optional)
- Ethernet Communication
- Wi-Fi Communication

AC 7.4 kW Technical Specifications

Model: ST-EVAC7.4KW

Sr. No.	Parameter	Detail	Specification
1	Input Power	Rated Power	7.4 kW
		Input Voltage	230V AC ± 10%, 50Hz (Single Phase)
2	AC Output	Number of Output	One Type 2 Gun
		Output Current	32A Max
		Output Charging Outlet	Type 2, IEC 62196
		Output Voltage	230V AC
3	User Interface & Control	Status Indicator	LED
		Push Button	Emergency Stop
		User Authentication	QR Code + RFID + OCPP 1.6
		External	Wi-Fi + Ethernet + OCPP 1.6
4	Communication	Metering & Billing	QR Code / RFID Card / Mobile App
		Charging Options	Swipe Card / QR Scan / App Based
5	Environment	Ambient Temperature	-20°C to 55°C
		Storage Temperature	-20°C to 70°C
		Operating Temperature	-20°C to 60°C
		Altitude	< 2000 m
		Humidity	<95% Non-Condensing
6	Protection	Input/Output Protection	Over Voltage, Under Voltage, Overload, Short Circuit, Surge Protection
		Mechanical Protection	IP55
		Cooling	Natural Cooling
7	Regulation	Standards	IEC 61851-1:2017, IEC 61851-21-2
		Optional Accessories	Mounting Plate
		Mounting Type	Wall Mount

