

## AC 14 kW Hybrid EV Charger

Our 14 kW AC Charger is redefining charging standards for electric vehicles. With unparalleled power, this charger is engineered to optimize efficiency. Designed for residential settings, this charger ensures reliability. Experience convenient and hassle free charging with the 14 kW AC Charger



### Powerful Performance

- Rating: 14 kW
- Input Voltage Range: 3-Phase, 415 VAC (+6% and -10%), 50Hz

### Output Port

- Two IEC 60309 output connector with a maximum output current of 16Amp each.
- One IEC 62196 Type 2 output connector with a maximum output current of 32 and 230V AC.

### User-Friendly Authentication

- Seamlessly authenticate with RFID, QR Code Scan, and OCPP 1.6 base Mobile App Interface for a hassle-free charging experience.
- Offline authentication is also provided if the customer requires.

### Advanced Connectivity

- Interface options include 4G (optional), Ethernet, and Wi-Fi for seamless communication.

### Intuitive 4.3 TFT LCD with touch display system

- Display with adequate resolution and size for visibility in day and night at a distance of 1 meter with naked eyes.

### Certification

- Certified by ARAI



Sr. No.	Parameter	Detail	Specification
		Model:- ST-EVAC14kW	
1	Input Power	Rated Power	14kW
		Input Voltage	415VAC $\pm 15\%$ /50Hz $\pm 5$ Hz Total harmonic distortion rate: $\leq 5\%$
2	Output Power	Number of output	Total -3 Nos. ( 2 No. Industrial / Domestic Socket- 3.3kW and . 1 No. type 2 Gun)
		Output current range	0-16 A for 3.3kW, 0-32A for 7.2kW per phase, 0-16 Amp per phase
		Output charging outlet	IEC 60309 & Type 2 IEC 62196
3	User interface and control function	DISPLAY	4.3 TFT LCD with touch
		Status Indicator	LED Indication Provided
		Push button	Emergency Stop
		Battery Backup	15 Min (for Billing) optional
		User authentication	QR CODE /RFID + OCPP1.6v
4	Communication	External	WIFI+ Ethernet OCPP1.6
			4G(optional)
		Metering and billing	Grid Responsive metering - QR code scan/RFID card/APP server based online Payment
		Charging options	Swipe card/Scan Code/ App based authentication
5	Environment	Ambient temperature	-30°C to 55°C
		Storage temperature	-30 to 70 deg C'
		Operatioinal Temp	'-30 to 60 deg C
		Altitude	<2000Mtr.
		Humidity	<95% Non condensing
6	Protection	Input/Output protection	Over/Under voltage protection, Overload protection, Short circuit protection, Current leakage protection Grounding protection, Surge protection, Over/Under temperature protection ("protections are optional and based on user requirements)
		Mechanical protection	IP54
		Cooling	Natural
7	Certificate	ARAI /NABL	
8	Optional Accessories Optional	Mounting Column / Piller	
9	Mounting	Wall mounted / Pole mounted	

\*Due to continuous improvement technical specifications & product image can change without prior notice.