

Reliable | Safe | Sustainable
Ecosystem Solutions for
Electric Mobility



Kspira Bharat AC

Range



Bharat AC Chargers

Load Management

- Built-in energy meter
- Set up for external energy meter integration or dynamic load management
- Ready for integration with advanced smart building energy systems



Connectivity

- Wi-Fi, GSM (optional) and Ethernet (optional)
- OCPP 1.6J
- Authentication via App or RFID
- Configuration via the App or web portal

Built-in Safety

- Overcurrent
- Overvoltage and Undervoltage
- Ground Fault Detection
- Surge Protection
- Emergency Stop Machine

Images				
Connector Types	IEC60309 Socket	IEC60309 Socket 16 A Socket	16A Socket	IEC60309 Socket 16 A Socket
Design	Three-phase, up to 10 kW 3 x 3.3 kW IEC60309	Three-phase, up to 10 kW 1 x 3.3 kW IEC60309 2 x 16 A Socket output Provision	Three-phase, up to 10 kW 3 x 16 A Socket output Provision	Three-phase, up to 10 kW 2 x 3.3 kW IEC60309 3 x 16 A Socket output Provision
Output Connector	Bharat AC [IEC-60309]	Bharat AC [IEC-60309] 3-Pin Socket	3-Pin Socket	Bharat AC [IEC-60309] 3-Pin Socket
Number Of Outputs	3	1 2	3	2 1
Output Current	16 A Max per Output	16 A Max per Output 16 A Max per Output	16 A Max per Output	16 A Max per Output 16 A Max per Output
Output Rating	240 VAC	240 VAC 240 VAC	240 VAC	240 VAC 240 VAC

Input Power

Input Voltage (AC)	415 VAC + 10% or -6%
Input Frequency	50 Hz
Wires	Three-Phase

Environment

Ambient Temperature	0° C to 55° C
Storage Temperature	-20° C to 60° C
Altitude	< 2000 Mt
Humidity	5% to 95%, non condensing

User Interface And Control

Display	4.3" Graphic Display
Language	English
Push Button	Emergency stop (Mushroom red)
User Authentication	Using mobile application or user interface/ QR code/ Radio Frequency Identification (RFID) card/ password login
Visual Indication	RGB LED's
RFID Specifications	RC 522 RFID Reader ISO/IEC 14443A/MIFARE

Protection

Protection	Overcurrent, Undervoltage, Overvoltage, Residual Current, Surge Protection, Short Circuit, Ground Fault Protection, Emergency Shutdown with Alarm, Overtemperature, Protection Against Electric Shock
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Communication

Connectivity and CMS	OCPP 1.6 over 10/100 Base-T Ethernet (Standard), GSM Modem (4G) and Wi-Fi
Charger and Vehicle	As per BEVC-AC 001 specifications

Mechanical

IP Rating	IP 54
Shell Material	CRCA Sheet
Cooling	Naturally Cooled
Product Dimension(L*W*H)	450 mm × 168 mm × 668 mm
Certification	ARAI Certified
Product Weight	25 kg

Product Packaging Weight

Wooden Box	Additional 6-7 kg
Corrugated Box	Additional 2-3 kg



About VerdeMobility

We believe that well-engineered, sustainable ecosystem solutions backed by innovative technology can promote electric mobility adoption.

Go *Verde* with our innovative, made-in-India technology solutions for electric mobility. We provide, EV charging solutions, integrating advanced IoT technology for seamless management.

Our Offerings Includes:-

EV-Chargers

AC chargers 3.3 kW to 44 kW chargers for homes, businesses, CPOs, Dealership, fleets, Infra and DC chargers 30 kW to 240 kW for fleets and infrastructure

IoT Solutions

Smart AC-DC charger controllers, CMS, and mobile applications for real-time monitoring and control.

Customized Support

Tailored mobility, customization, and ecosystem support to enhance EV adoption

Ecosystem Support

EV simulators and fleet electrification calculators to optimize efficiency and sustainability