

Reliable | Safe | Sustainable  
Ecosystem Solutions for  
Electric Mobility



# Kspira AC Charger

22 kW Dual Gun



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22 kW Dual Gun

## 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

## Connector Type

- Type 2 AC (IEC 62196-2)

## Variants

- Three phase up to 22kW
- 2 x Type 2 AC (IEC 62196-2)



## Built-in Safety

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

## Connectivity

- GSM, Ethernet, and WiFi
- OCPP 1.6J
- Authentication via App or RFID
- Configuration via the App web portal

## Input Supply

Input Voltage (AC)	415 VAC $\pm$ 10%
Input Frequency	50 Hz
Wires	Three Phase

## Output Supply

Output Power	Upto 22 kW
No. Of Output	2
Current Output	48 A Max Per phase
Output Rating	415 VAC

## 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	20 X 4 Character LCD
Language	English
Emergency Stop	Mushroom Type
User Authentication	Using mobile application or user interface/ QR code/ RFID card/ password login
RFID Specifications	RC 522 RFID reader ISO/IEC 14443A/MIFARE
Visual Indication	RGB LEDs

## 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 v 1.6 over 10/100 Base -T Ethernet (Standard), GSM Modem (4G) and Wi-Fi
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## Mechanical

IP Rating	IP 55
Shell Material	CRCA Sheet
Cooling	Naturally Cooled
Product Dimension(L*W*H)	430 mm × 520 mm × 175 mm
Product Weight	25 kg
Certification	ARAI Certified

## Product Packaging Weight

Corrugated Box	Additional 2-3 kg
Wooden Box	Additional 6-7 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 240 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