

Reliable | Safe | Sustainable
Ecosystem Solutions for
Electric Mobility



Kspira DC Charger

30 kW



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Experience innovation on-the-go with VerdeMobility's 30kW DC Charger, tailored for businesses electrifying their commercial parking. Our cutting-edge solution ensures lightning-fast recharges, offering seamless integration and unparalleled convenience.

Plugs Available

- North American Charging Standard (NACS)
- Combined Charging System (CCS)



Display

- Enhanced 10" Graphics LCD

Connectivity

- GSM
- Ethernet
- Wi-fi

Communication

- OCPP 1.6J compliant (Upgradable to 2.0.1)

Benefits:-

- Lightning-Fast Recharge
- Scalable Solutions
- User-Friendly Design
- Convenience Redefined
- Tailored for businesses

Input Power

Input Voltage	415 VAC (± 15%)
Input Frequency	50 Hz
Wires	Three-Phase (L1 L2 L3 N E)

Output Power

Output connector	CCS2
Number of connector	1
Output current	120 A
Output voltage	150 V DC - 1000 V DC

Electrical Parameter

Ripple Factor	$\leq + 5\%$
Efficiency	$\geq 95\%$
Power Factor	≥ 0.99 (above 50% load)
THD	$< 5\%$ (above 50% load)

Environment

Ambient Temperature	0° C to 60° C (derating starts from 55° C)
Storage Temperature	-20 C to 70 Celsius
Altitude	2000 ft
Humidity	5% to 95%
Noice Level	≤ 60 dB

User Interface And Control

Display	0.4" TFT LCD Touch Screen
Language	English
Push Button	Mushroom Type, Emergency Stop
User Authentication	Using Mobile Application or User Interface QR Codes/ RFID Cards/ Password login
Visual Indication	RGB LEDs
RFID Specifications	RC 522 RFID Reader ISO/ IEC 14443A/ MIFAR

Protection

Protection	Overvoltage, Overcurrent, Undervoltage, Surge Protection, Overtemperature, Ground Fault, Polarity Reverse Protection, Insulation Monitoring, Leakage Protection, Charge Cable Temperature Detection, Earth Presence Detection
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Communication

Connectivity and CMS	OCPP 1.6J over 10/100 Base-T Ethernet (Standard), GSM Modem (4G) and Wi-Fi
Charger and Vehicle	DIN 70121, ISO15118(EIM and PNC), IEC61851

Mechanical

IP Rating	IP 54
Shell Material	CRCA Sheet
Cooling	Air Cooling
Product Dimension (L*W*H)	264.09 mm × 346.87 mm × 165.31 mm
Product Weight	106 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