



**Kosh**  
**ELECTRA**  
RECHARGING THE ROADS AHEAD

# Power That Keeps You Moving

PRODUCT CATALOGUE

# THE SMART WAY TO REFUEL

KOSH is committed to making significant strides in the field of electric vehicle (EV) charging technology. We are developing European Standard ultra-fast DC chargers with a range from 30 KW to 120 KW, contributing to sustainability and clean energy. In addition to this, we are also developing 180 KW, and 240 KW DC chargers to meet diverse energy needs and accelerate the transition to electric mobility. We have also developed 7.4kW type 2 chargers in order to increase accessibility of chargers for households.

By offering a range of charging solutions to various customer segments such as Business Owners, Fleet Operators, Integration companies, and Private users, KOSH is catering to a wide market and helping accelerate the adoption of electric vehicles.

## VISION

To empower a sustainable future by making electric mobility accessible, efficient, and eco-friendly for everyone.

## MISSION

Our mission is to design and manufacture cutting-edge EV charging solutions that are reliable, innovative, and environmentally sustainable. We strive to enable seamless electric mobility by collaborating with communities, businesses, and governments to accelerate the global transition to a greener future.

KOSH was founded by engineering professionals with more than 10 years of experience in the EV charging product industry speaks to the expertise and knowledge backing the company.

Our focus on in-house technology development and control shows a commitment to innovation and quality in our designed products. KOSH has a vision to be a promising player in the EV charging infrastructure space, contributing towards a greener and more sustainable future with moving forward to Make in India initiative.



# ADVANTAGES OF EV CHARGERS



Property Value  
Appreciation



Reduction of  
Carbon Emission



Supports a  
greener tomorrow

## EASILY COMPATIBLE WITH



4 wheeler



Bus

POWER THAT KEEPS YOU MOVING







<b>AC charger</b>	<b>DC charger</b>
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We offer 2 types of AC chargers i.e, plug-in charging and other with RFID/OCPP compatibility of 7.4kW capacity each which is an ideal option for garage installation for private vehicle owners. It also ensures long term battery health with ease of installation with minimum budget requirement.

**Benefits**

- Compact design
- Ease of use
- Minimum installation requirement
- Budget friendly

**Usage**

- Residential
- Commercial
- Fleet

DC chargers are known for their high-speed charging capabilities and are critical component of the electric vehicle infrastructure. We offer 3 variants of DC chargers i.e, 30kW single gun, 60kW dual gun and 120kW dual gun. We are also looking forward to add 180kW and 240kW in our portfolio for faster and efficient charging infrastructure in near future.

**Benefits**

- High speed charging
- Long distance travel support
- Commercial application
- Encourages EV adoption

**Usage**

- Commercial
- Hospitality industry
- Apartment society
- Malls
- Airport
- Fleet
- Workplace

## AC CHARGER

### 7.4kW

- Compatible with 4 wheelers ▶
- Supports App/RFID/  
plug and charge/ OCPP1.6 ▶
- Input voltage: 230 VAC, 50-60Hz ▶
- Single Phase connection ▶



## DC CHARGER



### 30kW

- Compatible with 4 wheelers ▶
- Single output for charging ▶
- Input voltage: 3 Phase ▶
- User authentication:  
RFID/QR code/OCPP1.6J ▶
- Connectivity: App/Ethernet/WIFI/SIM ▶

### 60kW/120kW

- Compatible with 4 wheelers ▶
- Dual output for charging ▶
- Input voltage: 3 Phase ▶
- User authentication:  
RFID/QR code/OCPP1.6J ▶
- Connectivity:  
App/Ethernet/WIFI/SIM ▶



## Places of installation



Residence



Fleet Operator



Commercial Operators



EV Bus Station



Fuel Station



Hospital



Shopping Malls



Hotel & Restaurant



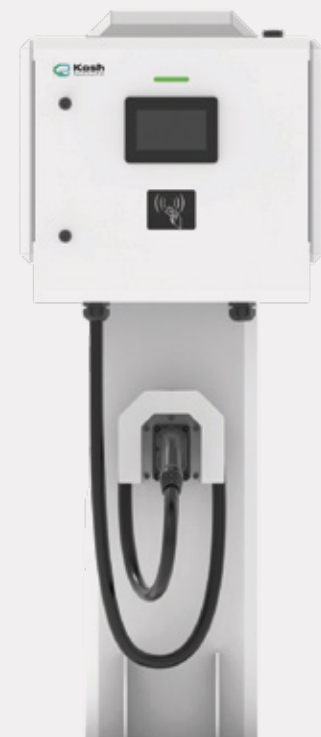
## 7.4kW specifications

<b>AC Input</b>	Power Supply	: 1P+N+PE
	Rate Voltage	: 230V AC
	Rate Current	: 32A
	Frequency	: 50/60Hz
<b>DC Output</b>	Output Voltage	: 230V AC
	Maximum Current	: 32A
	Rated Power	: 7kW
<b>User Interface</b>	LED Indicator	: Green/Yellow/Red
	LCD Display	: 4.3.inch
	RFID	: Mifare ISO/IEC 14443 A
	Charge Mode	: Plug&Charge, RFID, App
	Emergency Stop	: Yes
<b>Communication</b>	WiFi	: Optional
	Ethernet	: Yes
	4G	: Optional
<b>Safety</b>	OCCP	: OCCP 1.6 J
	Energy Meter	: Mid Meter
	RCD Ingress	: 30mA Type A + 6mA DC
	Protection	: IP55
	Impact Protection	: IK08
	Electrical Protection	: Over current Residual current Short circuit Ground, Lightning temperature Over/Under voltage Over/Under frequency, Over
	Certification	: CE
	Certification Standard	: EN/IEC 61851-1: 2017, EN/IEC 61851-21-2: 2018
	Warranty	: 2 years
	Installation	: Floor type
<b>Environment</b>	Work Temperature	: -30°C~+50°C
	Work Humidity	: 5%~95%
	Work Altitude	: <2000m
<b>Package</b>	Product Dimension	: 402*290*135mm
	Net Weight	: 8.5kg
	Gross Weight	: 10kg
	External Package	: Carton



## 30kW specifications

<b>Input Parameters</b>	Wires	: 3-phase, 5-lines Wire AC (3PH+N+PE)
	Input Voltage	: 415Vac ( $\pm 10\%$ )
	Input frequency	: 50Hz $\pm 1.5$ HzTHD
	THD	: $\leq 5\%$ of Nominal Voltage
	Power factor	: PF $\geq 0.9$ (25%~50%Full load)
<b>Output Parameters</b>	Output power	: 30kW
	Output voltage	: 200-1000Vdc
	Output current	: 100A max
	Gun type	: CCS-2
	No. of connector/Gun	: 1
	Efficiency	: $\geq 95\%$ (Full load)
<b>Environment</b>	Operating temperature	: $-20^{\circ}\text{C} \sim 55^{\circ}\text{C}$
	Humidity	: 5~95%
	Pressure	: 86kpa-106kpa
	Pollution degree	: 3
	Storage temperature	: $-30^{\circ}\text{C} \sim 70^{\circ}\text{C}$
<b>Mechanical</b>	Cooling	: Forced air cooling
	Noise level	: $\leq 65$ dB
	IP degrees	: IP55
	Product size	: 680 $\times$ 250 $\times$ 600mm (WxDxH)
<b>Safety Protection Function</b>	Over voltage	
	Under voltage	
	Over current	
	Short circuit	
	Surge protection	
	Over temperature	
	Lightning protection	
	Insulation monitoring	
	Emergency shutdown	





## 60/120kW specifications

<b>Input Parameters</b>	<b>Wires</b>	: 3-phase. 5-lines Wire AC
	<b>Input Voltage</b>	: 415Vac (±10%)
	<b>Input frequency</b>	: 50Hz±1.5Hz
	<b>THD</b>	: ≤5% of Nominal Voltage
	<b>Power factor</b>	: PF>0.9(25%~50% Full load)

<b>Output Parameters</b>	<b>Output power</b>	: 30kW
	<b>Output voltage</b>	: 200-1000Vdc
	<b>Output current</b>	: 100A max
	<b>Gun type</b>	: CCS-2
	<b>No. of connector</b>	: 1
	<b>Efficiency</b>	: ≥95% (Full load)

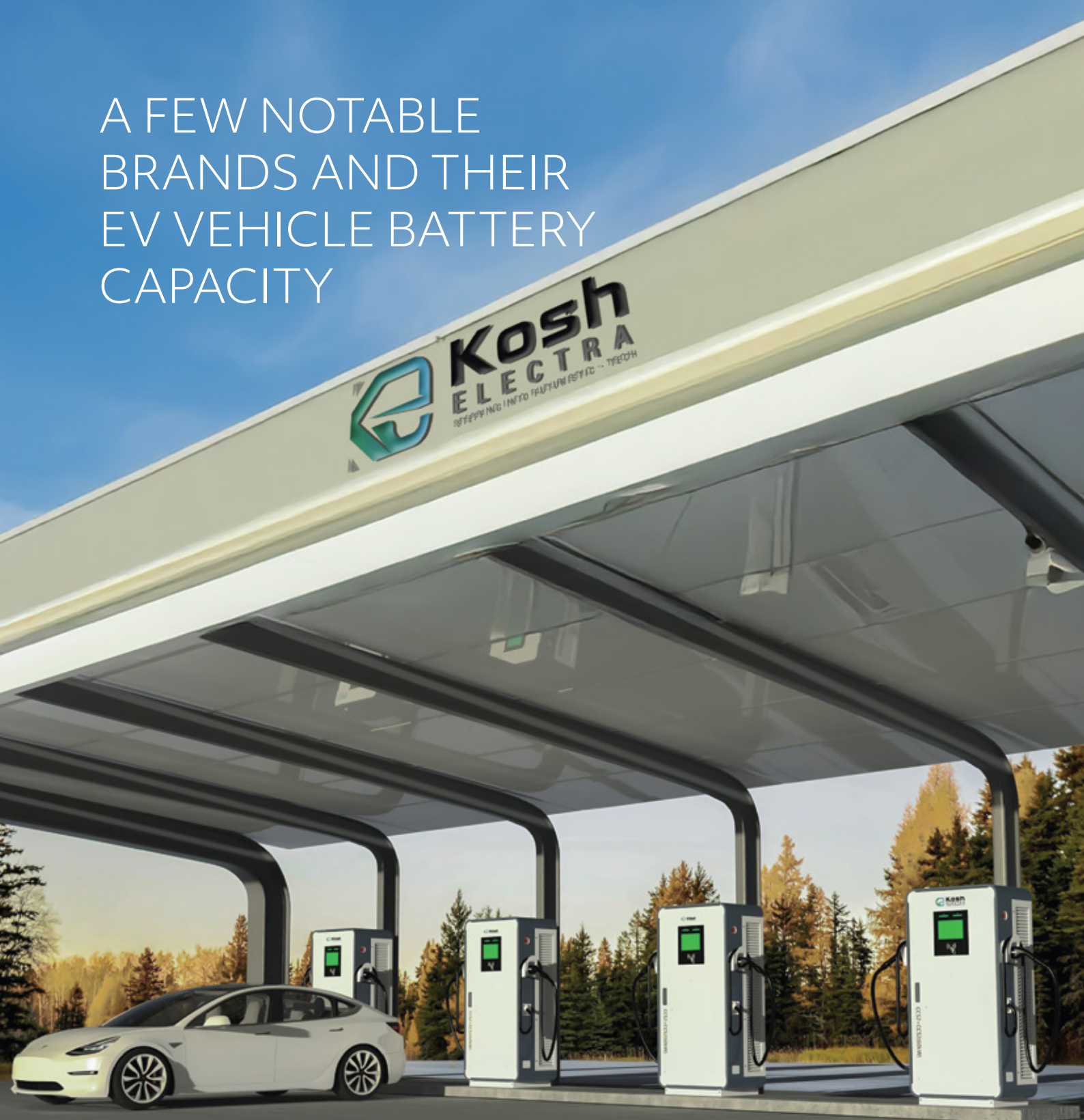
<b>Environment</b>	<b>Operating</b>	: -20°C~55°C
	<b>Humidity</b>	: 5~95%
	<b>Pressure</b>	: 86kpa~106kpa
	<b>Pollution dearee</b>	: 3
	<b>Storage temperature</b>	: -30°C~70°C

<b>Mechanical</b>	<b>Cooling</b>	: Forced air cooling
	<b>Noise level</b>	: ≤65dB
	<b>IP degrees</b>	: IP54
	<b>Product size</b>	: 800×540×1800mm (W×D×H)

<b>Safety Protection Function</b>	<b>Over voltage</b>	
	<b>Under voltage</b>	
	<b>Over current</b>	
	<b>Short circuit</b>	
	<b>Surge protection</b>	
	<b>Over temperature</b>	
	<b>Lightning protection</b>	
	<b>Insulation monitoring</b>	
	<b>Emergency shutdown</b>	



# A FEW NOTABLE BRANDS AND THEIR EV VEHICLE BATTERY CAPACITY



**TATA Nexon EV**  
Capacity-30.2kWh

**MG ZS EV**  
Capacity-50.3kWh

**TATA Tigor EV**  
Capacity-26kWh

**Mahindra BE 6:**  
Capacity-59 to 79kWh

**Mahindra XEV 9e:**  
Capacity-59 to 79kWh

**Hyundai Creta Electric:**  
Capacity- 42 to 51.4kWh

**Mahindra XUV400**  
Capacity-39.4kWh

**BYD Atto 3**  
Capacity-60.5kWh

**Tata Punch EV**  
Capacity-25 to 35kWh

**MG Cyberster:**  
Capacity- 77kWh

**Suzuki e Vitara:**  
Capacity- 60kWh



# EV Charging Station

## Steps to Charge your Vehicle

1. Download Kazam EV Charging APP
2. Add Money to Wallet & Plug-in Charger
3. Scan QR Code on the Charger
4. Select Time & Charger
5. Unplug The Charger & Happy Travels





It is not just a plug for power, it's the bridge to a

## GREENER FUTURE



### Products

- 7kW AC charger
- 30kW DC fast charger
- 60kW DC fast charger
- 120kW DC fast charger

### Places of Installation

- Residential
- Workplace
- Fleets
- Retail and hospitality
- Individual operators



Scan the QR code



E-AMRIT portal  
Government of India

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