

WE SETUP

# MONEY MAKING EV CHARGERS

HARMONY  
FAST CHARGER

 **exicom**  
Power Systems

 @gizmmoconsultants

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 **exicom**  
EV Charging Solutions

## SLOW CHARGING



**AC-Type 2 Compact Charger**  
7.5kW / 22kW

## FAST CHARGING



**DC Charger**  
<30kw



# ABOUT GIZMMO

Gizzmo Consultants is a joint venture organisation of enterprises having a total of 25+ years of experience in driving innovative and integrated solution in the field of Electrical and Information technology. The group offers full spectrum of technology consulting and solution services to give practical advice on how to run a better, more profitable business with the use of electrical and automation Solutions. We assist enterprises that are looking to exploit new technology-driven opportunities. Our technology consultants provide an unmatched breadth of support to address challenges of operational efficiency, expansion, technology and business management.

The manufacturing facility in Lucknow exists since last two decades and has been manufacturing products aligned to the Indian environment of urban and rural power conditions. The organisation falls in class 1 supplier with certified content of 98% of product value.

The solutions provided by the group had been enabling the customer business KPIs of cost efficiency and performance levels to high values and thus ensuring 60% of the revenue as repeat businesses for the group.



## ABOUT EXICOM

### Mobility

Our goal is to accelerate the electrification of vehicles in India by providing EV charging Infrastructure and Li-ion batteries for all type of vehicles with technology that is global , cost which is affordable, quality that is world class.

### INSTANT OPPORTUNITIES FOR

Interested Individual Entrepreneurs  
Highway/Midway Restaurant and Dhaba Owner's  
  
Petrol Pump Owner's  
Workshops/Garages/Vehicle Showroom's etc.

### EVCS BENEFITS TO ENTREPRENEURS

Clean Air Commitment to the Nation.  
Can lease extra available land to various fast food joints and other businesses etc.  
ROI within 1-2 Years  
Higher Incentives & Subsidies from Govt.  
(\*Depending on State Govt. Policies )

### WHO SHOULD INVEST?

Restaurant/Hotel Owners  
Builders & Property management Groups  
Hospitals  
Shopping malls & Multiplexes  
Corporate Parks



ELECTRIC VEHICLE CHARGING SOLUTION PROVIDER

## CHARGING SOLUTIONS- SLOW CHARGING

# AC CHARGERS



### Specifications

### 7.5kW

#### Power Output

Output Voltage Rating	150-270 VAC
No of I/P Phase	1
Max Output Current	32A
Max O/P Current	7.5kW
Output Plug	IEC 62196-2 Type 2
Number of Plug	1

#### Power Input

Input Voltage	230 VAC, 1-Phase/ L1, N, PE
Input Voltage Range	150VAC - 270VAC
Input Frequency	45-55 Hz
Power Factor	> 0.98

#### Protection & Safety

Safety Parameters	Over Current, Over Voltage, Ground Fault, Surge Protection, Over Temperature, Leakage current detection, Emergency Detection
Display	2.3 Inches
Support Language	English
Emergency Switch	Available (Mushroom Red Switch)

#### User Interface & Control

Charging Operation	Standalone
Charge Option	Auto Charge, Mode Selection (Time/Power/Appointment)
Visual Indication	Presence of Supply, State of Charging, Error
User Authentication	

### 22 kW

EV (type 2 Connector)

340-460 VAC
3
32A (Per Phase)
7.2kW
IEC 62196-2 Type 2
1

415 VAC, 3-Phase/ L1, L2, L3, N, PE
340VAC - 460VAC
45-55 Hz
> 0.98

Over Current, Over Voltage, Ground Fault, Surge Protection, Over Temperature, Leakage current detection, Emergency Detection
2.3 Inches
English
Available (Mushroom Red Switch)

Standalone
Auto Charge, Mode Selection (Time/Power/Appointment)
Presence of Supply, State of Charging, Error
RFID/App via Bluetooth (as per requirement)

## CHARGING SOLUTIONS- FAST CHARGING

# DC CHARGERS



### Specifications

### 30Kw

Dual Gun

#### Power Output

Output Voltage Rating	150-270 VAC
No of I/P Phase	1
Max Output Current	32A
Max O/P Current	30kW
Output Plug	IEC 62196-2 Type 2
Number of Plug	1

#### Power Input

Input Voltage	230 VAC, 1-Phase/ L1, N, PE
Input Voltage Range	150VAC - 270VAC
Input Frequency	45-55 Hz
Power Factor	> 0.98

#### Protection & Safety

Safety Parameters	Over Current, Over Voltage, Ground Fault, Surge Protection, Over Temperature, Leakage current detection, Emergency Detection
Display	2.3 Inches
Support Language	English
Emergency Switch	Available (Mushroom Red Switch)

#### User Interface & Control

Charging Operation	Standalone
Charge Option	Auto Charge, Mode Selection (Time/Power/Appointment)
Visual Indication	Presence of Supply, State of Charging, Error
User Authentication	

### 60 -240 kW

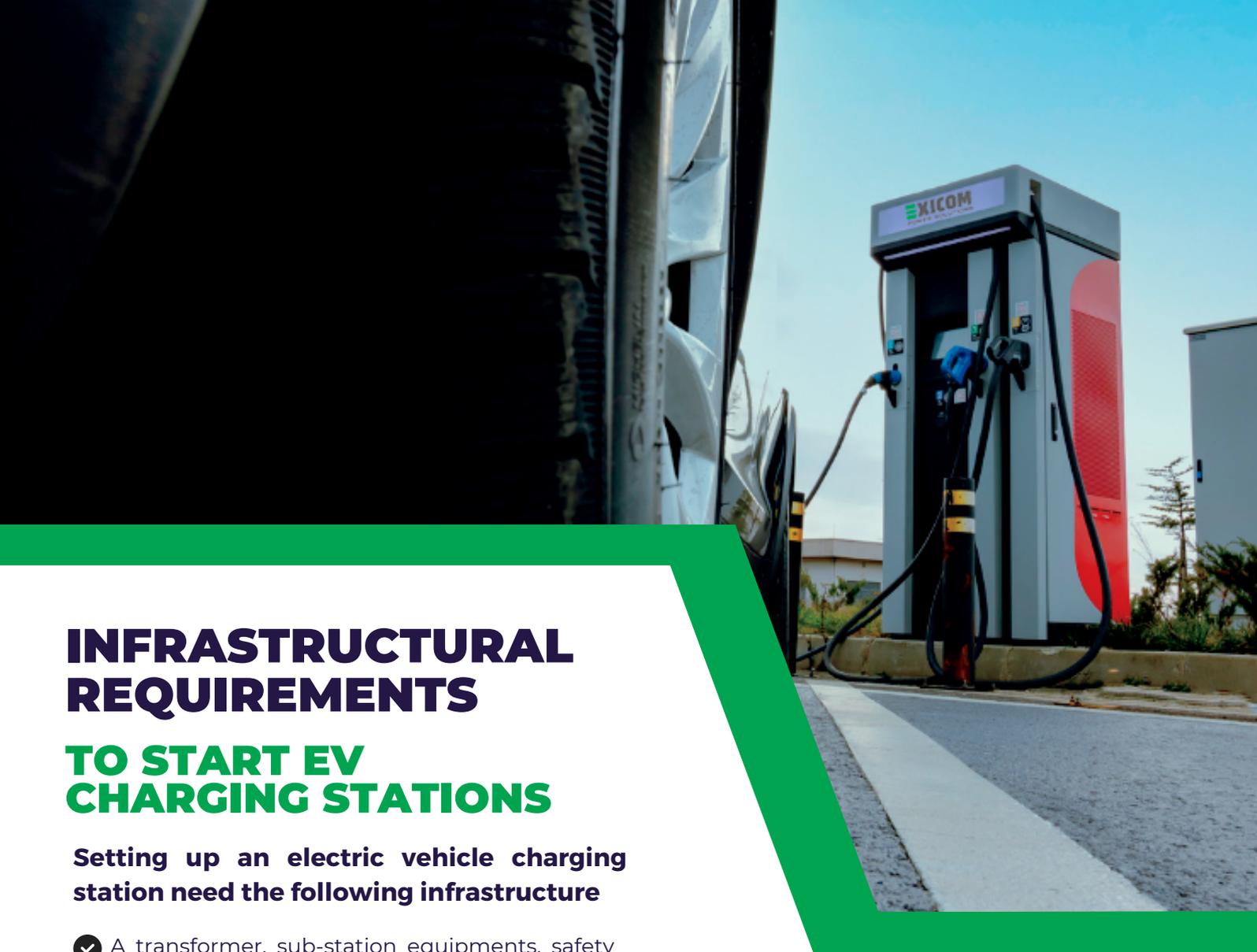
EV (type 2 Connector)

340-460 VAC
3
32A (Per Phase)
60-240KW
IEC 62196-2 Type 2
1

415 VAC, 3-Phase/ L1, L2, L3, N, PE
320VAC - 520VAC
45-55 Hz
> 0.98

Over Current, Over Voltage, Ground Fault, Surge Protection, Over Temperature, Leakage current detection, Emergency Detection
2.3 Inches
English
Available (Mushroom Red Switch)

Standalone
Auto Charge, Mode Selection (Time/Power/Appointment)
Presence of Supply, State of Charging, Error
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# INFRASTRUCTURAL REQUIREMENTS

## TO START EV CHARGING STATIONS

Setting up an electric vehicle charging station need the following infrastructure

- ✓ A transformer, sub-station equipments, safety equipments (Fire and Electrical) needs to be installed.
- ✓ 33/11 KV cables and accompanying line with metering equipments, installation with respective civil work.
- ✓ Land area for charging station and vehicle ingress and egress.
- ✓ All charger models must be installed following Domestic/Commercial requirements.

### Basic additional requirements For EV Charging stations

- ✓ Sufficient human resources, including technicians.
- ✓ Drinking water.
- ✓ Washrooms.
- ✓ Cafeteria (optional)

## CAPITAL EXPENDITURE FOR SETTING UP EV CHARGING STATION

**Cost of Chargers**

**Cost of Electricity Connection**

**Cost of Civil work**

**Cost of Manpower**

**Cost of Broadband Internet Connection**

**Cost of Land Rental / Own Land**

## Operational Expenditure for starting EV Charging Stations

- ✓ EVCS App (The Sustainer App available for Android and iOS)
- ✓ This will help EV Owners to locate nearest vacant slots and pre-book them for charging.

## Gateway for Payment

The Payment App will do the needful for online prepaid payments by using different payment gateways with 100% payment transparency.

## Advertisement and Marketing

As per actuals to increase business.

## Cost of Electricity

As per actuals by DisCom.

## Our Application

# THE SUSTAINER APP

the **sustainer**™  
Scan Plug Ride

