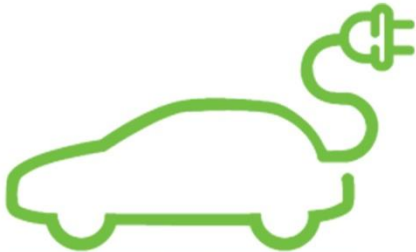


EV CAR CHARGING DOCK



M2M BASED - PLM ENABLED

EVCD

POWERED BY  **KENIUS**[®]

BROCHURE

**"A 360° Solution For EV Charging
And Revenue Management"**



The Need

Adoption of electric vehicles is taking place at a rapid pace and their market share is also on the rise. According to NITI Aayog, the sales of Electric Vehicles (EVs) in the 4-wheeler segment are projected to cross the 10 million mark by the year 2030. Among the factors responsible for this are reduction in upfront cost, longer mileage, improved battery technologies thereby lesser range anxiety, lower cost of ownership, flaring up of competition in the segment and purchase incentives offered by Central and State Governments.

With increased adoption of electric vehicles, fuel (petrol/diesel) equivalent of energy will be drawn from the existing electrical infrastructure. The pressure of facilitating such infrastructure will be on real estate developers and RWAs/AOAs.

EV charging provisioning has become mandatory for compliances of:

- Model building bye-law
- Guidelines of RERA

The Ministry of Housing and Urban Affairs (MoHUA) introduced the Model Building Bye-Laws for EV charging infrastructure in February, 2019 which makes it mandatory for residential and commercial buildings to have at least 20% of the parking space for EV charging infrastructure.

EV CAR CHARGING DOCK

Ideal for multi-storey buildings, commercial & office complexes, shopping malls, parking lots & highway dhabas, hotels & resorts with real-time spot billing



Cutting-edge IoT technology, low cost with unmatched features, DIY plug-n-play device



Capable to charge electric cars, two-wheelers, e-rickshaws, e-golf-cart & any e-mobility vehicle



SMART EV CAR  CHARGING DOCK



MEMO BASED - PLM ENABLED
EVCD
POWERED BY XENIUS



EV Charging Point
Voltage: 220V AC, Current: 32A, Power: 6.6kW
Model: EVCD-32A
By: XENIUS
XENIUS



Grid interactive for Demand Side and Peak Load Management



Capable of getting integrated with existing prepaid metering system



Energy metering and billing standards-compliant



Ease of revenue realisation for builders, RWAs, and recharge facility providers



Technical Specifications Of EVCD

Voltage	1 phase, 230 VAC (-40% to +20%)
Current	40 A
Frequency	50 Hz +/-5%
Accuracy	Class 1
VA Burden	3 VA
Display	Backlit LCD with Wide viewing angle
Clock	Internal RTC
Communication	RF (License free band) or 4G WAN
Network Security	128 Bit AES
Compliance	IS 13779 and ALS 138
Operating Conditions	-20 to 70 ocel., RH 95%
Edge Intelligence	Pre-defined exceptions to be handled as per delegated intelligence

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