

POWERNAAC™ SMART CHARGING SOCKET



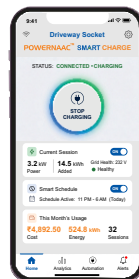
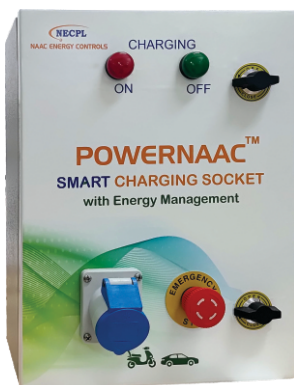
With Energy Management

Overview

As electric vehicle adoption accelerates worldwide, the need for reliable, efficient, and connected charging infrastructure has never been greater. Our Smart IoT-Enabled EV Charging Socket is designed to modernize conventional charging points into intelligent systems that deliver seamless performance, enhanced safety, and smart energy management.

Built with advanced IoT technology, the socket enables real-time monitoring, remote control, usage analytics, and cost accounting, making it ideal for public charging stations, commercial buildings, residential complexes, fleet operators, workplaces, and smart city projects.

Our Smart EV Charging Socket is more than just a connector - it is a future-ready intelligent charging solution built to support the growing EV ecosystem with efficiency, reliability, and innovation.



Advanced System Features



Control Your Socket Remotely

Take full control of your socket, anytime and anywhere



Enhanced Safety Features

Advanced Safety Features for Smarter, Safer Power Control



Smart Connected Charging

For Easy, Efficient Power anytime and anywhere



Cost Analysis For Charging Sessions

Analyze Every Charging Session to Maximize Savings and Efficiency



Compact & Rugged Design

Compact yet Rugged Design built for everyday reliability



User-Friendly Operation

Easy to Use, Smooth to Operate, Built for everyday comfort

Protection and Safety

- Auto Power Cut-Off
- Power Theft Protection and Two-Point Locking
- Inbuilt Energy Management
- Over and Under Voltage Protection
- Charger Over Temperature Protection
- Emergency Push Button
- MCCB and RCCB for Overload and Earth Leakage / Electric Shock Protection
- SPD for Surge Protection

Technical Specifications

Input Voltage	230V AC (± 10%) Single Phase
Output Voltage	230V AC (± 10%) Single Phase
Output Power Rating	3.3 KW
Maximum Output Current	16A
Frequency	50 Hz
Charger Connection Type	Industrial AC Socket / Type-D - Domestic 5/16A Socket
Emergency Stop	Yes
Earth Fault Detection	Yes
Connectivity	4G Wi-Fi (Optional)
Dimension	400 mm (L) x 300 mm (H) x 125 mm (D)
Mounting Arrangement	Wall Mount
Material	Metal Enclosure
Weight	8 KG Approx.
IP Rating	IP-44 Socket
OTA Support	Yes
Interoperability	OCPP 1.6J (Optional)
Type of Authentication	Through Mobile App
Usage Type	Private
Indications	Charging On / Off

