



Eco-Solar Energy

Turn Sunlight Into Savings!



India's Trusted EV Charging Solutions Partner

Turn Sunlight Into Savings!

Website: www.ecosolarenergy.in

About



Eco Solar Energy is a Bengaluru-based EV charging & renewable energy solutions provider, supplying and supporting next-generation EV charging solutions manufactured by our technology partner E-Fuel. We deliver scalable AC & DC charging solutions for homes, workplaces, Charge Point Operators (CPOs) and commercial facilities, backed by end-to-end installation, commissioning and after-sales support.



AC EV CHARGER



AC COMMERCIAL

7.4kW - 22kW (TYPE-2)

- Input/Output: 7.4kW (AC220V), 11/22kW (AC400V), 32A.
- RFID, OCPP 1.6, LAN/GSM/Wi-Fi, remote updates, IP55, smart protection.

AC HOME

7.4kW - 22kW (TYPE-2)

- Output: 7.4kW (1-Phase) or 11/22kW (3-Phase), Type-2.
- Features: Plug & Play, APP Control.
- Safety: IP55, Multiple protection type.



AC PORTABLE

3.3kW to 7.4kW (TYPE-2)

- Output: 3.3kW to 7.4kW (1-Phase), Type-2.
- Features: Plug & Play
- Safety: IP55, Multiple protection type.

DC EV CHARGER



DC 30kW-360kW

- Output: 30-360kW, CCS-2, 200-1000VDC, up to 350A.
- Features: 10" Display, RFID, OCPP 1.6 (Upgradable), OTA, Smart Protections.

PORTABLE DC CHARGER

- Output: 10kW, 20kW, 30kW
- RFID, OCPP 1.6, LAN/GSM/Wi-Fi, remote updates, IP55, smart protection.
- Supported Connectors: GBT, Type-6, CCS2



BATTERY INTEGRATED / SOLAR POWERED & MOBILE CHARGER

- Off-grid EV Charger 30-180kW, LiFePO4, CCS-2/GB-T, IP55, OCPP.
- Smart, mobile, LED-safe, remote-ready, fast install, anywhere use.

MULTI GUN DISPENSER

- Up to 1200kW, 16 connectors (CCS-2/GB-T), 500A air/liquid-cooled, dynamic split.
- RFID, 10" screens, IP55, smart & cloud-managed.



PRODUCTS HIGHLIGHTS

Capacity Enhancement

Efuel-manufactured chargers supplied by Eco Solar Energy allow seamless upgrades in even steps (e.g., 60 kW to 120 kW, 180 kW to 320 kW), ensuring future-ready expansion as demand grows.

Extended Voltage Compatibility

Most EV chargers fail beyond 350–460 VAC, but our chargers work reliably from 320–540 VAC for uninterrupted charging.

Energy Efficiency

Just 3.2% conversion loss and only 800W idle consumption — better than the 7–8% loss and 1.2 kW industry norm.

Smart MAC Charging (Auto-Charge)

Our chargers not only support auto-charge (where CMS permits) but also register individual vehicle MAC IDs.

Unique SOTA technology

Beyond FOTA, we offer software-over-the-air (SOTA) for controller and PLC control, software updates etc., independent of CMS.

Uninterrupted Connectivity

Unlike Chinese-make routers, we use CE standard network routers for enhanced reliability and minimized connection loss, ensuring higher charger uptime in the long run.

FACTORY

Testing Area



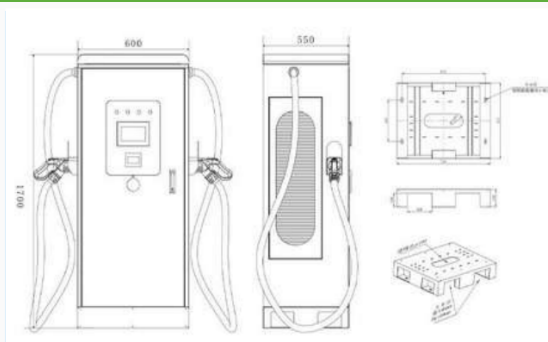
Production Area



Dispatch & Storage Area



WHAT WE DO



Next-Gen EV Hardware Engineering

We supply smart, strong, future-ready EV chargers—advanced design, safety features, and custom solutions for tomorrow's mobility.



Custom Branding & Private Label Charger

Eco Solar Energy provides custom-branded EV chargers—AC (3.3–22kW) and DC (30–360kW)—ready to sell with your logo, design, and packaging. Ideal for resellers, startups, corporates, CPOs, and exporters.



OEM & Custom Manufacturing Services

Through our manufacturing partner, we offer OEM & custom EV charger manufacturing with full design-to-production support, for startups, corporates, exporters, CPOs, and government projects.



Innovative Prototyping & EV Tech Development

From sketch to street, we build and test innovative EV charging prototypes with custom tech, R&D, and real-world validation for startups, corporates, CPOs, and projects.



Sustainable Solar-Powered Charging

Eco Solar Energy offers sustainable solar-powered EV charging with grid/off-grid options, battery backup, and custom stations for homes, businesses, fleets, and highways—saving costs, cutting emissions, and driving clean energy forward.

GOVERNMENT PROJECTS



National Hydroelectric Power Corporation (NHPC)
Location - Lakhimpur, Assam
Capacity - 240kW, 30kW, 10kW



Central Power Research Institute Bangalore (CPRI)
Location - CPRI Bangalore
Capacity - 120kW DC fast charger



Bharat Electronic Limited (BEL)
Location - Bengaluru 560013
Capacity - 60kW DC fast charger



NTPC Limited
Location - Chhattisgarh
Capacity - 30kW & 22kW (12 nos)



Power Grid Corporation of India Ltd (PGCIL)
Location - Jammu-180004 (J&K)
Capacity - 15kW GBT DC fast charger



National Thermal Power Corp., Tandwa (NTPC)
Location - Chatra Jharkhand
Capacity - 240kW DC Charger, 22kW



British High Commission (BHC)
Location - Delhi India
Capacity - 30kW DC Fast Charger



State Bank of India
Location - Bhopal & Indore M.P.
Capacity - 30kW & 3.3kW

EV CHARGING STATIONS ACROSS INDIA



Shivpuri (M.P.)



Kolhapur (M.H.)



Pithampur (M.P.)



Delhi



Rajasthan



Gudur A.P.



Gujarat



Hyderabad



Andhra Pradesh



Kerala



Betul (M.P.)



Indore (M.P.)



Nagpur (M.H.)



Amravati (M.H.)



Guna (M.P.)



Suryapet (TG)



Indore (M.P.)



Noida (U.P.)

10,000+

EV Charger
Supplied

36+

Service Team
PAN India

50+

CPO Charging
Network

10+

R&D Projects
Delivered

Major Clients

Association & Recognition

ARAI
Progress through Research

MSME
सूक्ष्म, लघु एवं मध्यम उद्यम
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Ticent energy

MOONRIDER

TRYK CHARGE
MAKING YOUR ROUTE EV READY

chargeMOD
POWER TO PEOPLE

URZZA

JetEV

REACH

CHARGECEL

EV COSMOS

EV Urja
Just One Power

PACARD

PLUGZIO

NEPTUNE AUTOMATICS

जनमार्ग JANMARG

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एन टी पी सी NTPC

एन एच पी सी NHPC

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Bharat Petroleum

ARGIO

IndianOil

Evee Buddy
EVEE & BATTERY PARTS SUPPLY

Contact Information

Phone: +91 98459 16006 | +91 99169 12388
Email: info@ecosolarenergy.in

Registered & Corporate Office

Eco Solar Energy
Bengaluru, Karnataka, India

EV Charging Solutions | Solar EPC | Renewable
Energy Solutions

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