EV Charging Solutions

To power future with green energy

TKT GREENTEC PVT. LTD.

tkt EV solution



EV Charging Solutions

One-stop Charging Solutions Professor



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TKT CHARGING

COMPANY PROFILE

E-Mobility Smart Charging Solutions Expert in India

At TKT Greentec Pvt. Ltd., we don't just manufacture EV chargers—we deliver reliable, high-performance charging solutions designed specifically for Indian conditions.

Since establishing our state-of-the-art manufacturing facility in Pune (Chakan Industrial Area) in 2019, we have focused on developing solutions tailored to India's unique operating conditions, including diverse climates, demanding road environments, and evolving power grid challenges. Our approach is rooted in localization—designing and manufacturing products in India, for India.

As a leading OEM and trusted partner to top automotive players, we combine automotive-grade engineering with deep expertise in temperature control to ensure superior performance, safety, and durability of our charging systems—even in India's most demanding environments.

With our state-of-the-art manufacturing facility in Pune and a service network across India and all major cities, we provide complete end-to-end support—from product customization and manufacturing to installation, commissioning, and after-sales service.
What sets us apart is our local-first approach—we design, develop, and manufacture in India, ensuring faster delivery, better adaptability, and strong technical support whenever you need it.

Whether you are expanding EV infrastructure or upgrading your current network, TKT Greentec is your reliable partner for scalable, future-ready charging solutions.

Certificates



Customers

The ePlane Co. · meil · TATA · Olectra · QUCEV · S. B. REHELLERS PVT LTD.
BYD · HD HYUNDAI INFRACORE · HD현대 · INTRAMOTEV · MGH · JKCG AUTO · ABLE PURPOSE BUILT COACHES
CUSTOM DENNING · LAL COACHWORK · CanEV · COOLWAYS GROUP OF COMPANIES · SUB ZERO · IXENERGY
ecotuned AUTOMOBILE · COŞKUNÖZ HOLDING · KARSAN · MegaFlux · MARUMATECHNICA CO., LTD.
ROSMO · REV BUS&TRUCK · XTREME Mining Ltda. · BUSSCAR · Lime Apple · EvayTrans

Multihog · ISUZU · CLEAN MOBILITY TECHNOLOGIES · YUTONG · range · prodrive · LIGHTNING HYBRIDS · caio · NOVABUS · FOTON · GET
Nikola Motor · ZY · everism · Marcopolo · INTERTIE · exponent · CONMET · bozankaya · CIE SOLUTIONS · Perkins · eVUS · SWITCH
joule · SAFT · RENEWABLE · ELECTRA · M-ECS · greenmot · MTB TRANSIT SOLUTIONS · AKIA AVESTO · Avia · NEXPORT
BUSSCAR · ASIASTAR · VANADINTECH · DAEWOO · Allev · ITD · Peec · NEX · TDI · CAT · BALLARD
MOTICS · TERRALINE · bondstein · Perkins · INKA · TRON · VOLTRIC · ZEROMOX

ARAI Progress through Research CERTIFICATION · ICAT Innovation + Service = Excellence CERTIFICATION · CE CERTIFICATION

Professional R&D team
· Hardware
· Software
· Platform

Source Factory
· Quality Assurance
· After-sales Guarantee

Component Partners
· Strict Quality Control
· Professional & Efficient

Source Factory

Intelligent Production Management System

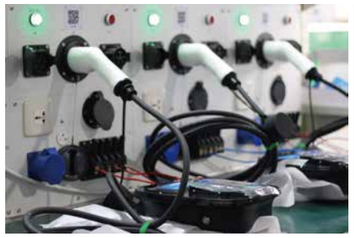
Supported by the ISO9001 quality management system, we have established an internal quality control system that far exceeds industry standards, covering the entire process of 'design and development - supply chain management - production and manufacturing - after-sales service' with refined control capabilities.

·EV Chargers Production











·EV Chargers Testing Equipment










30-60kW DC CHARGER

- All Electrical Parts from World's Top 5 Suppliers.
- Specially Customized for India's Harsh Conditions: High Ambient Temperature, Dust, High Humidity, and Unstable Voltage.
- Integrated Fire & Smoke Detection System.
- Advanced Humidity Control & Release System
- Nationwide After-Sales Service Network.



Product Specifications

Model	TKT-D30-2	TKT-D40-2
Power	30kW	40kW
Input Voltage	400V±15% AC	
Input Voltage Type	3P+N+PE	
Working Frequency	45~65Hz	
Power Factor	≥0.99	
Efficiency	≥94%	
Output Voltage	150-1000V DC	
Output Current (Single Outlet)	100A	133A
Output Connectors	CCS2 / GB/T / Optional	
Display	7" LCD Touch Screen	
Payment	Mobile APP / RFID	
Network Connection	4G / LAN	
Communication Protocos	OCPP1.6J	
Working Temperature	-30°C~+50°C	
Storage Temperature	-35°C~+55°C	
Operating Humidity	<95% Non-Condensing	
Protection	IP54	
Cooling Method	Forced Air-Cooling	
Multiple Protection	Short Circuit, Overvoltage, Surge Resistance, etc.	
Push Buttons	Emergency Stop	
Dimension(W xL x H)	830*357*800mm / 830*500*1686mm	
Cable Length	5m	
Charging Outlet	1	
Application	Highways,Urban Centers,Commercial Fleets Public Transportation, Charging Stations	
Certificate	EN IEC 61851-21-2: 2021， EN IEC 61851-1:2019,EN 61851-23:2014	
Warranty	24 Months Free Warranty	

60-120kW DC CHARGER

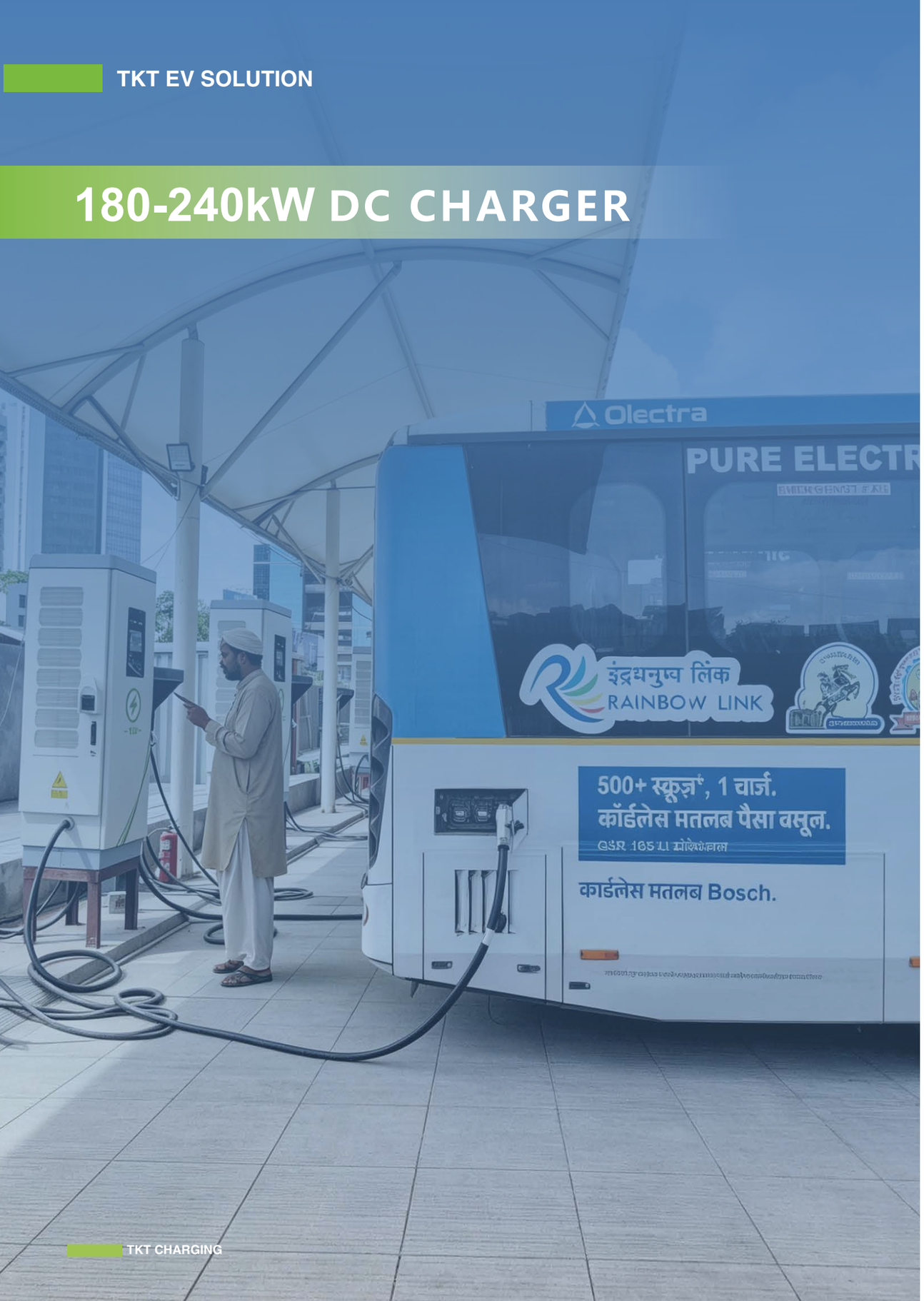


Product Specifications

Model	TKT-D60-2	TKT-D80-2	TKT-D120-2
Power	60kW	80kW	120kW
Input Voltage	400V±15% AC		
Input Voltage Type	3P+N+PE		
Working Frequency	45~65Hz		
Power Factor	≥0.99		
Efficiency	≥94%		
Output Voltage	150-1000V DC		
Output Current(Single Outlet)	200A		
Output Connectors	CCS2 / GB/T/ Optional		
Display	7" LCD Touch Screen		
Payment	Mobile APP/RFID		
Network Connection	4G/LAN		
Communication Protocos	OCPP1.6J		
Working Temperature	-30°C~+50°C		
Storage Temperature	-35°C~+55°C		
Operating Humidity	<95% Non-Condensing		
Protection	IP54		
Cooling Method	Forced Air-Cooling		
Multiple Protection	Short Circuit, Overvoltage, Surge Resistance, etc.		
Push Buttons	Emergency Stop		
Dimension(W xL x H)	800*581*1585mm		
Cable Length	5m		
Charging Outlet	2		
Application	Highways,Urban Centers,Commercial Fleets Public Transportation, Charging Stations		
Certificate	EN IEC 61851-21-2: 2021， EN IEC 61851-1:2019,EN 61851-23:2014		
Warranty	24/36 Months Free Warranty		

TKT EV SOLUTION

180-240kW DC CHARGER



TKT CHARGING

Product Specifications

Model	TKT-D160-2	TKT-D180-2
Power	160kW	180kW
Input Voltage	400V+15%	
Input Voltage Type	3P+N+PE	
Working Frequency	45~65HZ	
Power Factor	≥0.99	
Efficiency	≥94%	
Output Voltage	150-1000V DC	
Output Current(Single Outlet)	200A	
Output Connectors	CCS2 / GB/T / Optional	
Display	7" LCD Touch Screen	
Payment	Mobile APP / RFID	
Network Connection	4G / LAN	
Communication Protocos	OCPP1.6J	
Working Temperature	-30°C~+50°C	
Storage Temperature	-35°C~+55°C	
Operating Humidity	<95% Non-Condensing	
Protection	IP54	
Cooling Method	Forced Air-Cooling	
Multiple Protection	Short Circuit, Overvoltage, Surge Resistance, etc.	
Push Buttons	Emergency Stop	
Dimension(W xL x H)	868*600*1838mm	868*600*1846mm
Cable Length	5M	5M
Charging Outlet	2	
Certificate	EN IEC 61851-21-2: 2021,EN IEC 61851-1:2019,EN 61851-23:2014,ARAI	
Application	Transportation, Charging Stations Highways,Urban Centers,Commercial Fleets Public	
Warranty	24 Months Free Warranty	

320kW DC CHARGER

Super Fast Charging with Super High Safety



Product Specifications

Model	TKT-D240	TKT-D320
Power	240kW	320kW
Input Voltage	400V±15%	
Input Voltage Type	3P+N+PE	
Working Frequency	45~65HZ	
Power Factor	≥0.99	
Efficiency	≥94%	
Output Voltage	150-1000V DC	
Output Current	250A	300A
Output Connectors	CCS2 / GB/T / Optional	
Display	7" LCD Touch Screen	
Payment	Mobile APP / RFID	
Network Connection	4G / Ethernet	
Communication Protocos	OCPP1.6J	
Working Temperature	-30°C~+50°C	
Storage Temperature	-35°C~+55°C	
Operating Humidity	<95% Non-Condensing	
Protection	IP54	
Cooling Method	Forced Air-Cooling	
Multiple Protection	Short Circuit, Overvoltage, Surge Resistance, etc.	
Push Buttons	Emergency Stop	
Dimension(W xL x H)	1066*833*1887mm	
Cable Length	5M	
Charging Outlet	2	
Certificate	EN IEC 61851-21-2: 2021， EN IEC 61851-1:2019,EN 61851-23:2014,ARAI	
Application	Highways,Urban Centers,Commercial Fleets Public Transportation, Charging Stations	
Warranty	24 Months Free Warranty	

7kW-22kW AC CHAGERS

- Smart APP control for one-click management of the entire charging process
- Compatible with all vehicle models, covering various vehicle charging needs
- IP65 protection, fearless of complex outdoor environments
- Nationwide after-sales network in India for more timely service response



Product Overview

Model	TKT-A007-Type2	TKT-A307-Type2	TKT-A011-Type 2	TKT-A022-Type2
Rated Voltage	230V AC	380V AC	380V AC	380V AC
Rated Current	32A	10A	16A	32A
Power Supply	L1+N+PE	L1+L2+L3+N+PE		
Frequency	50~60Hz	50~60Hz		
Output Voltage	230V AC	380V AC	380V AC	380V AC
Output Current	32A	10A	16A	32A
Rated Output Power	7kW	7kW	11kw	22kW
Charging Connector	IEC 62196-1/GBT 20234-2, Type 1/Type 2			
Cable Length	5M / Customized			
Enclosure	PC 940A +ABS			
LED Indicator	Power / OCPP / App / Charge			
RFID Reader	ISO / EC 14443 A			
Start Mode	Plug&Play / RFID Card / APP			
Emergency Stop	Yes			
Networking	WIFI / 4G / LAN			
Protocal	OCPP 1.6 Json			
Energy Meter	Optional			
RCD	TypeA+6mA DC			
IP Protection	IP65			
Impact Protection	IK10			
Electrical Protection	Over Current Protection, Residual Current Protection, Ground Protection Surge Protection,Over/Under Voltage Protection,Over/Under Frequency Protection,Over Temperature Protection			
Installation	Wall-mounted / Pole-mounted			
Work Temperature	-25°C~+50°C			
Work Humidity	5%~95%			
Work Altitude	<2000M			
Product Dimension	320*210*120mm(L*W*H)			
Pckage Dimension	470*320*270mm(L*W*H)			
Net Weight	7kg	7kg	9kg	
Gross Weight	8kg	8kg	10kg	
Certificate	IS17017 / ISO15118 / IEC61851			
External Package	Carton			

TKT Serves the Indian Market

India Market Benchmark Case | OGL
Delivered Products: 180kW DC Charging Stations
Cities Covered: Pune, Mumbai, Hyderabad, Nagpur, etc.
Application Scenarios: Bus Charging Stations
After-Sales Highlights:
Pre-positioned spare parts + remote diagnostics + 99% online rate guarantee



1 DC Charging Station Case



2 AC Charging Station Case



Service Provide

1.Charging Station Design and Construction

1.1 Site Survey and Feasibility Assessment

1.2 Electrical System Design and Construction

1.3 Compliance Approval Assistance

2.AC/DC EV Charger Installation/Commissioning/ Operation

2.1 Professional Installation Services

2.2 Commissioning and Network Access

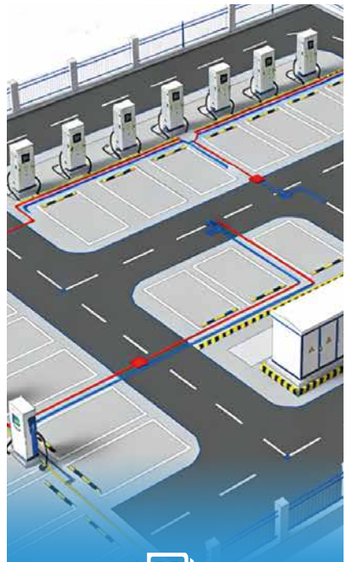
2.3 Operational Support and Continuous Maintenance



Preliminary Planning



Compliance/Approval



Scheme Design



Equipment Procurement and Transportation



Construction



Acceptance/Debugging /Operation



Hand Over to Customer

TKT EV SOLUTION

Green & Intelligent EVCharger Solutions

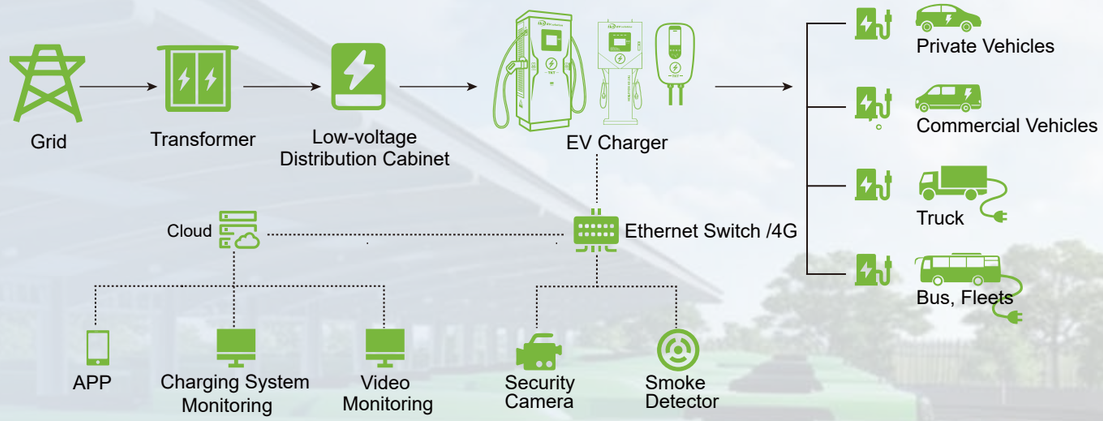
Automobile Manufacturer Solutions

Electric Vehicle Fleet Solutions

Public Charging Station Solutions

Residential Community Solutions

Charging Station Components



1. Charger Selection:
Intelligent Fast DC Chargers:320kW/240kW/180kW/120kW/80kW/60kW/40kW/30kW;
Wall-mounted/Pole-mounted AC Chargers: 3.5kW/7kW/11kW/22kW

2. Power Distribution: Box-type Transformer, High-voltage Cable.

3. Large Awning: Membrane Structure Awning, Photovoltaic Awning, etc.

4. Lighting System: 100W outdoor lighting (Placed under the photovoltaic awning).

5. Communication System: Connect to the charging station operation and management system using fiber optic networking, wired networking, or wireless (SIM card) routing.

6. Surveillance Video System: Infrared bullet cameras, 360° infrared PTZ cameras, Hard disk recorders, Switches, etc.

7. Operation and Management System: AC/DC EV Charger operation, Management, and Monitoring; IoT big data sharing.

8. Fire Protection System: The distance between buildings and parking spaces should meet fire prevention requirements; the site entrance and exit design should meet parking lot evacuation requirements; the site should be equipped with a fire sand pit, dry powder fire extinguishers, and a fire alarm system.

Core Advantages

After-Sales service

Efficient After-Sales Service

– Rapid response and comprehensive support ensure customer peace of mind.

Parts

High-Quality Components

– Carefully selected reliable parts minimize maintenance needs and reduce costs, guaranteeing long-term worry-free operation.

Solutions

Full-Scenario Solutions

– Covering various application scenarios, providing one-stop service from product to deployment.

Customer needs

Customer-Oriented

– Focused on customer concerns, addressing pain points precisely and enhancing the overall user experience.

TKT Charging Solutions





Automobile Manufacturer Solutions

TKT provides OEM customization services to auto-makers, relying on an end-to-end automotive-grade qualitycontrol and R&D system to ensure high product reliability; with deep and flexible software and hard-ware customization capabilities, it accurately meets differentiated needs, and through full lifecycle cost optimization andtechnical support, it maximizes long-term benefits.

Electric Vehicle Fleet Solutions

TKT is a facility that provides professional and fast one-stop charging services for electric vehicle fleets (buses, trucks, taxis, sanitation vehicles). The charging stations are equipped with high-power chargers and combined with intelligent control, back-end manage-ment, and video monitoring functions to provide a fast, efficient, and safe one-stop charging solution for the growing public transportation travel.





Public Charging Station Solutions

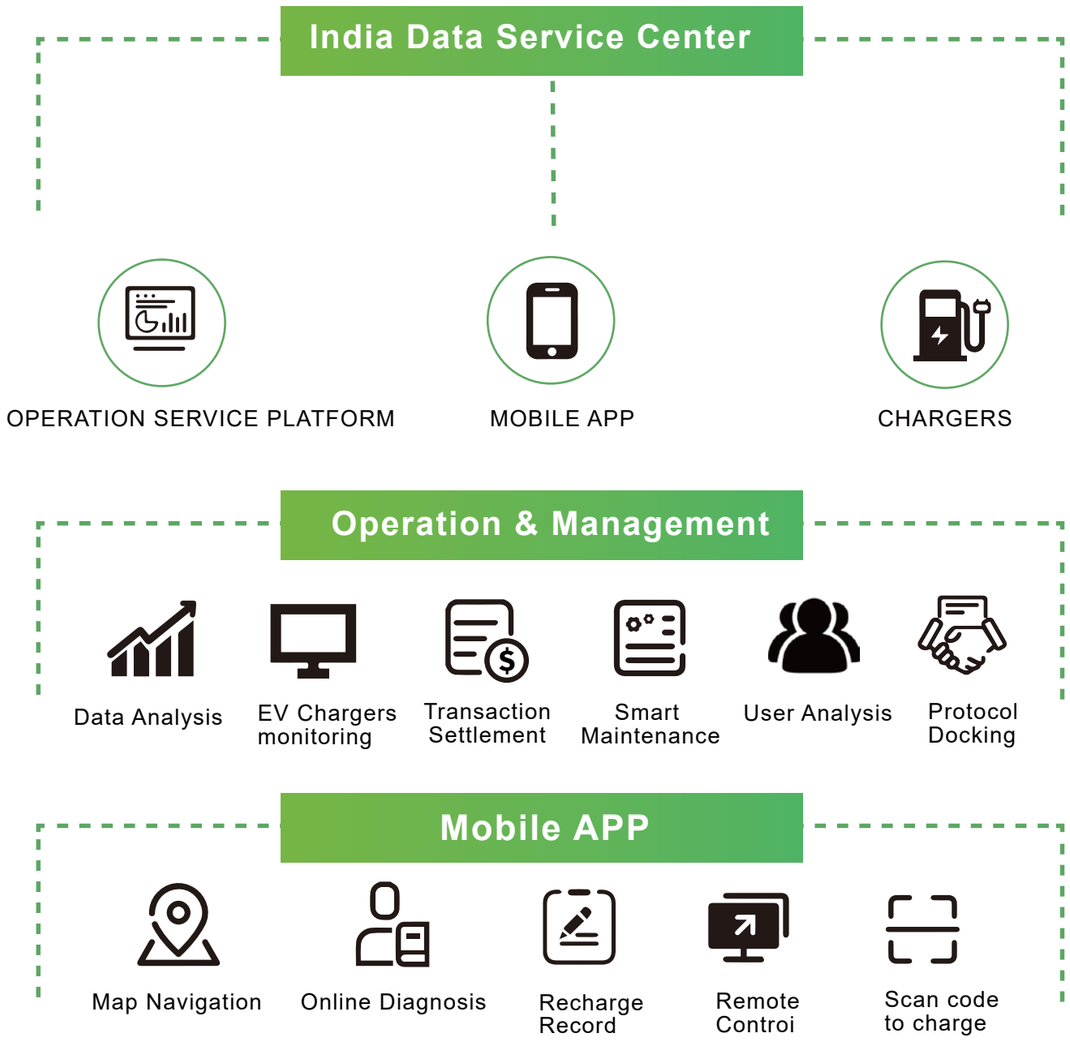
Commercial public charging station solutions, such as those in highway service areas, public parking lots (office building ground or underground parking lots, shopping mall underground parking garages, etc.), tourist attractions, etc.are equipped with AC EV Charger and fast DC EV Charger in proportion, with DC EV Charger as the main type and AC EV Charger as auxiliary fast charging to provide efficient charging services for different types of vehicles.

Residential Community Solutions

In residential communities, charging stations are primarily built within buildings, using AC EV Charger. Residential charging needs can be categorized into commercial centralized operation needs and individual installation needs; different installation solutions are recommended for each type of need.

COMPOSITION OF CHARGING STATION OPERATION SYSTEM

- Smart DC Charging Station / AC Fast Charging Station
- APP-Connected Charging
- Cloud Platform Service System
- Operator Service System



TKT CLOUD PLATFORM MANAGEMENT SYSTEM

The TKT Cloud Management Platform fully supports Hindi, and its management system's 6 core functions collectively build an intelligent and digital charging operation: franchisee management supports scale expansion, equipment management ensures asset stability, billing strategies drive monetization, billing overview ensures clear funds, fault early warning reduces maintenance costs, and membership prepaid value enhances user stickiness. Leveraging its localized service capabilities, TKT GREENTEC provides customers with comprehensive support from platform deployment to ongoing maintenance.



FAST | CONVENIENT | EFFICIENT

Franchisee Management

Supports multi-level architecture and revenue sharing settlement, enabling online franchisee approval, access control, automatic revenue sharing according to preset rules, and one-click reconciliation.

Billing Strategies

Flexible pricing based on time period, user type, and equipment type; supports separate electricity and service fees, tiered pricing, and promotional packages.

Fault Warning and Logging

24/7 real-time monitoring, tiered alarms, automatic generation and dispatch of maintenance work orders, and the establishment of a fault knowledge base to improve processing efficiency.

Charging Equipment Management

Real-time monitoring of equipment status, supporting remote configuration and firmware upgrades for full lifecycle tracking, enabling maintenance without on-site presence.

Billing Overview

Multi-dimensional order query and revenue statistics, automatic reconciliation and matching of payment channel transactions, generation of financial reports, and one-click export support.

Membership Management

Build a membership level and benefits system, supporting stored-value accounts, coupons, and a points system, providing enterprise account and fleet management functions.

MOBILE APP/ PAYMENT

Convenient operation, easy payment, and high utilization rate are the guarantees for the successful operation of charging stations.

Mobile App

Simple to Operate / Safe and Efficient

Payment System

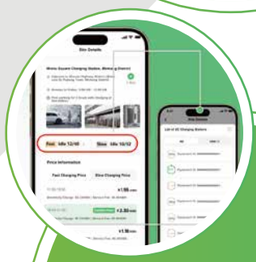
TKT has developed a local payment system in India that supports multiple payment methods to meet the needs of different user scenarios.



- View a real-time charging station map and navigate to its location.



- Start/Stop charging via the app.
- Remotely monitor charging status.



- Search by fast/slow/full range to quickly locate your target station.



- Filter nearby stations with one click; electricity prices are clearly displayed.



- Customize your top-up amount; balance refunds are supported.



Convenience/Safety
- Google Pay
- Phonepe
- QR Code Payment



After-sales Service Network Covering India

- **Technical Support Centers:**
  Delhi, Mumbai, Bangalore
- **Spare Parts Warehouses:**
  3 Major Regional Central Warehouses
- **Certified Engineers:**
  Covering major cities and surrounding areas
- **Partnerships:**
  Deep collaboration with local power service providers

After-sales Service

5 Guarantees

One-Click Repair Reporting

Scan the exclusive QR code to submit fault reports, upload photos, and schedule on-site visits—fast and efficient communication at your fingertips.

End-to-End Work Order Management

Real-time synchronization of repair information. Engineers record the entire process from order acceptance to on-site service, ensuring full transparency and traceability.

Professional On-Site Service

Local service teams provide inspection, parts replacement, and debugging to restore operations quickly and reliably.

Authentic Parts Guarantee

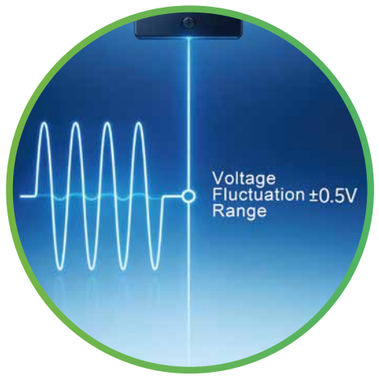
Unified cloud warehouse management ensures genuine original parts. Every step, from outbound shipment to installation, is traceable for assured quality.

Comprehensive Repair Records

Equipment, repairs, and parts are fully documented, giving you confidence and peace of mind for future maintenance.

Customer requirements are our pursuit

TKT adheres to a customer-centric approach, focusing on every aspect of our product development and providing feedback that serves as the start ing point for service upgrades.



1.Voltage Fluctuations? No Sweat.

Any Indian who's ever had an AC or TV fry during a spike knows the pain. So why trust your EV char-ger to luck? Ours come with an industrial-grade stabilizer built right in. They handle anything from 340V to 460V—no matter how wild the grid gets. Auto-cut? Of course. Surges won't touch your car or your investment.



2. Forget Digging and Red Tape —Upgrade in Minutes.

Ask any mall owner or RWA about getting a cable permit, and watch them shudder. Here's the fix: our chargers use modular cabinets. Plug in 60kW today upgrade it to 120kW, slide in extra power modules later if you need more—no digging, no new permis-sions, zero civil work. It's a click-and-grow setup that actually makes sense for Indian businesses.



3. Fire? We're Steps Ahead.

After those much-talked-about EV fire stories this year, everyone's a little jumpy. We built our char gers to shut up the critics. Internal smoke sensors spot any problem fast and trigger an instant emer-gency stop—communicating directly with your car's BMS to keep charging and heat under control. Fully AIS-138 compliant



4. Use Solar When You Want —Right from Day One.

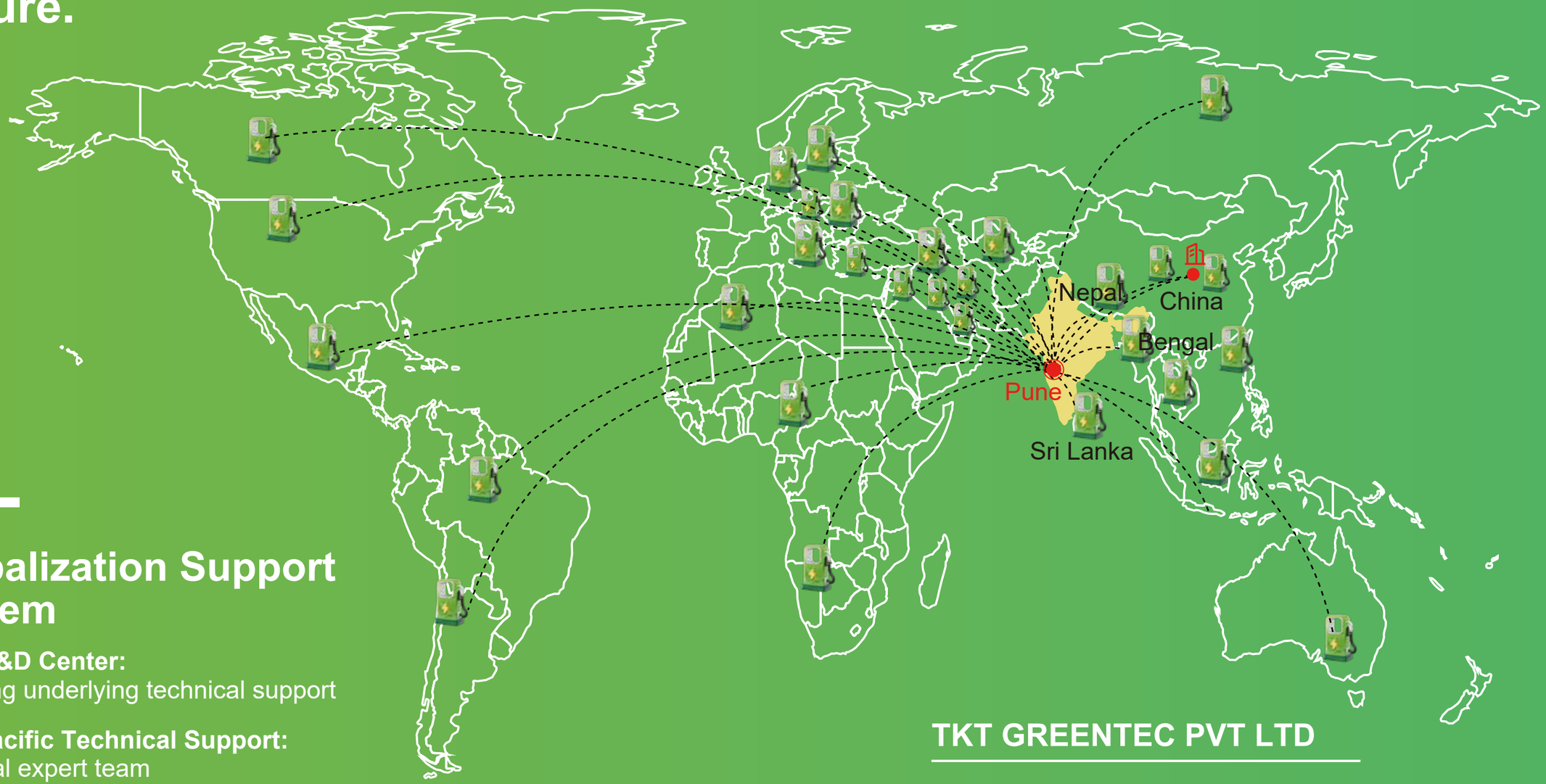
With everyone chasing those PM Surya Ghar solar rooftops, you'll get questions: Can my charger use my rooftop power? Yes, and it's dead simple. Our chargers switch to solar energy during the day, grid at night—max out your electricity savings. That "so-lar-ready" edge really hits home with anyone who likes saving money (which, honestly, is everyone).



5. Profits&Charging-as-a-Service (CaaS)

"TKT's Charge as a Service (CaaS) gives you not only a charging station, but also a 'charging business operating system' that can automatically generate revenue, distribute profits, and manage your business anytime. From pricing to settlement, from franchisees to mobile devices—profits should be this clear."

We are Working on a Sustainable Future.



Globalization Support System

India R&D Center:
Providing underlying technical support

Asia-Pacific Technical Support:
Regional expert team

Online Support Platform:
Multilingual 7x24 hour service

Knowledge Base System:
Sharing troubleshooting solutions

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