

# Inject Swift 2.0

## AC Charging Solution for Corporate Fleets



### INJET New Energy

Empowering French corporate fleets to achieve a smooth and reliable transition to electric mobility  
An intelligent, secure and scalable AC charging solution (7-22 kW)

**Drive Change. Power Tomorrow.**

# Introduction

From 2025 onwards, new tax mechanisms, LOM regulatory requirements and corporate decarbonisation commitments are accelerating the electrification of corporate fleets.

Yet one critical factor is often overlooked: **most existing charging solutions are merely "usable", but far from truly fit for purpose.**

Many companies assume that home chargers or public AC chargers can simply be reused – but the reality is very different:

- **Home charging for employees ≠ residential charging**

Companies require unified tracking, reimbursement, cost allocation and supervision, which residential chargers are not designed to support.

- **Workplace charging ≠ public charging experience**

Corporate parking, scheduling, access rights and energy management are significantly more complex.

- **Corporate fleet charging ≠ a simple combination of public and home chargers**

It is a system engineering challenge with its own processes, rules and management requirements.

As a result, many so-called "generic AC chargers", originally designed for residential or public use, deliver limited value in corporate fleet environments.

What companies truly need is a charging solution that seamlessly covers both workplaces and employees' homes, reduces deployment and operational costs, and integrates deeply with fleet management systems.

**This is the limit of generic solutions.**

**INJET Swift 2.0 – the charging solution designed specifically for corporate fleets.**



**INJET Swift Business**

**Workplace Parking**

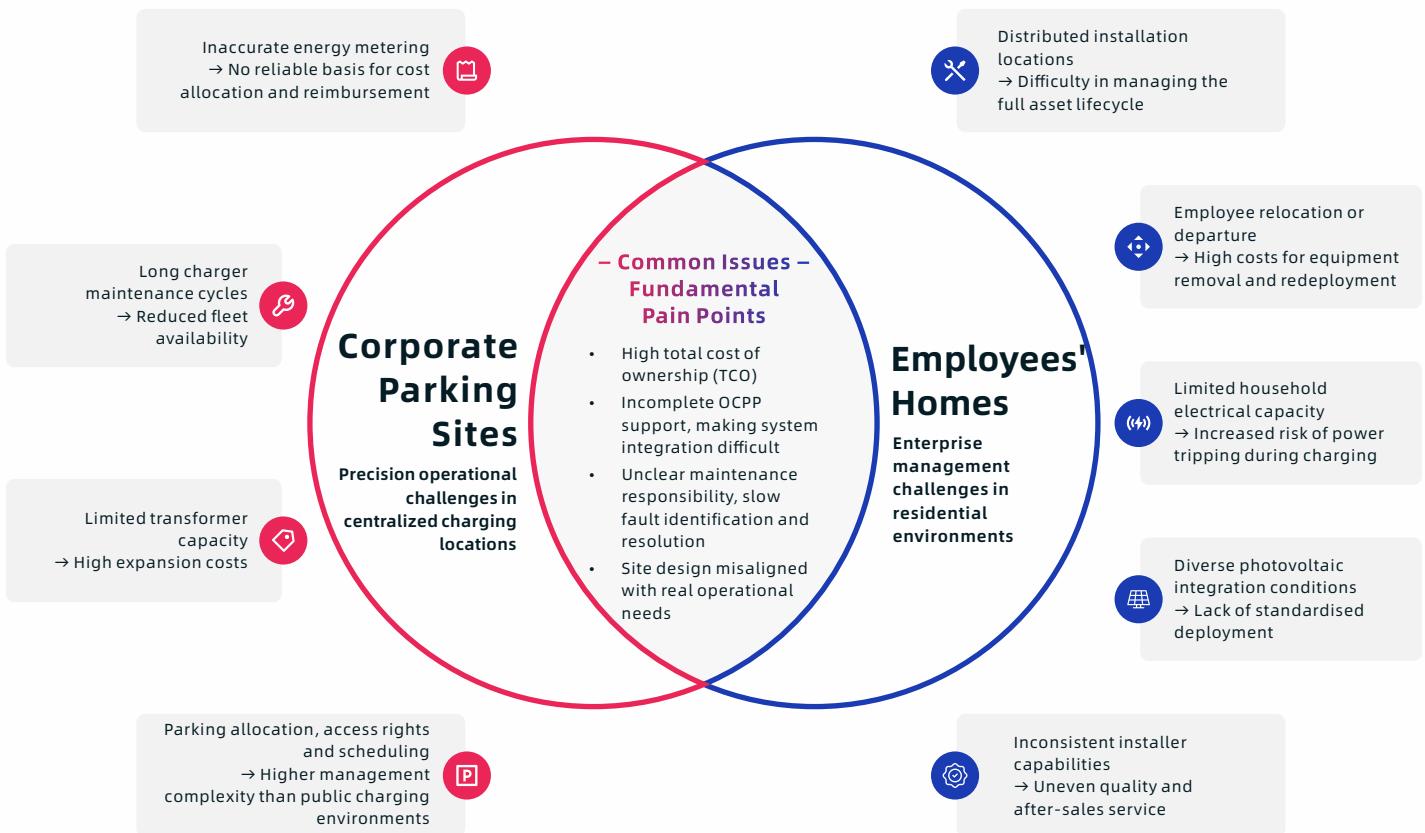


**INJET Swift Smart**

**Employees' Homes**

# Inject Swift 2.0: A Professional Design Built on Real Fleet Challenges

On paper, everything may appear straightforward. In real-world operations, however, **corporate fleets face the combined challenges of workplace charging and home charging for employees**. This is precisely where generic charging solutions fall short—and where Inject Swift 2.0 was conceived.



These interconnected challenges cannot be addressed by products designed for a single charging scenario.

**INJECT Swift 2.0 is built specifically around this system-level, multi-scenario challenge. Through dual-scenario adaptation and an integrated hardware-software platform, it delivers a charging solution that is truly aligned with real-world fleet operations.**

# One Charger, Two Scenarios – Full Control Across All Sites

One single device enabling seamless deployment across corporate parking sites and employees' homes

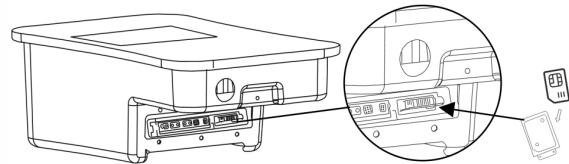
## 1. Modular main unit with mounting base



The proprietary Click-to-install architecture of Injet Swift 2.0 is the foundation for unified asset management.

- Fast installation: pre-installed wiring with rear-mounted main unit enables a standardised and scalable deployment process
- Corporate sites: quick replacement of the main unit minimises downtime and maximises fleet availability
- Employees' homes: when employees relocate or leave, only the main unit needs to be removed for redeployment or recovery

## 2. Semi-external 4G SIM card slot



- SIM cards can be replaced without disassembling the charger or sending installers on site
- Enterprises can centrally retrieve and manage SIM cards deployed at employees' homes

## 3. Multiple charging start/stop options: RFID card, physical button, plug & charge and mobile app

- Corporate sites: access control and full usage traceability
- Employees' homes: a balance between convenience and traceability, configurable according to company policies

## 4. Remote firmware (OTA) upgrades

- Unified rollout of new features and security updates
- One-click updates across the entire installed base in response to regulatory or tariff changes



## 5. Full OCPP 1.6J functionality + Security Level 3

- Seamless integration with fleet management and charging operation platforms
- Automatic consolidation of charging data across both scenarios for billing, reimbursement and access management

## 6. High-level protection design (IP65 + IK10)

- Metal backplate with tempered glass front panel
- Suitable for indoor and outdoor corporate parking sites, as well as outdoor parking spaces or open garages at employees' homes

# Scenario-Specific Design, Dedicated Value

Enhanced features tailored for corporate parking sites and employees' homes

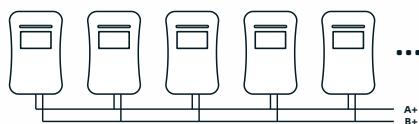


## Workplace Parking

Efficient · Precise · Easy to Operate

### 1. Power Sharing: the foundation for cost-efficient expansion

- Dynamic power allocation via RS485, without additional master controllers
- Maximises the number of charging points without transformer upgrades, significantly reducing upfront investment



### 2. Integrated MID meter: enterprise-ready billing

- No external meter required, simplifying deployment
- Compliant metering for external billing and internal reimbursement



### 3. 7-inch touchscreen: multi-role-optimised user interface

- Multilingual interface for international employees and visitors
- Installers can complete key configuration directly on the screen, without laptops or mobile devices
- QR code display for public access, enabling scan-to-pay functionality



## Employees' Homes

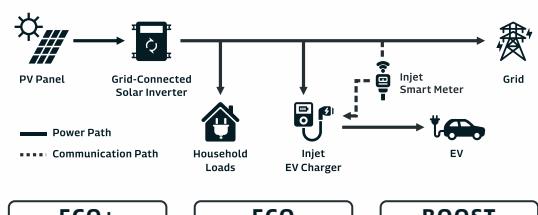
Safe · Intelligent · Easy to Integrate

### 1. Dynamic Load Balancing (DLB) + solar charging integration

- Real-time power adjustment based on household load to reduce tripping risks



- Three solar charging modes integrated with residential PV systems to maximise green energy usage



### 2. Multiple connectivity options to suit home network environments

- Wi-Fi, Bluetooth and Ethernet supported

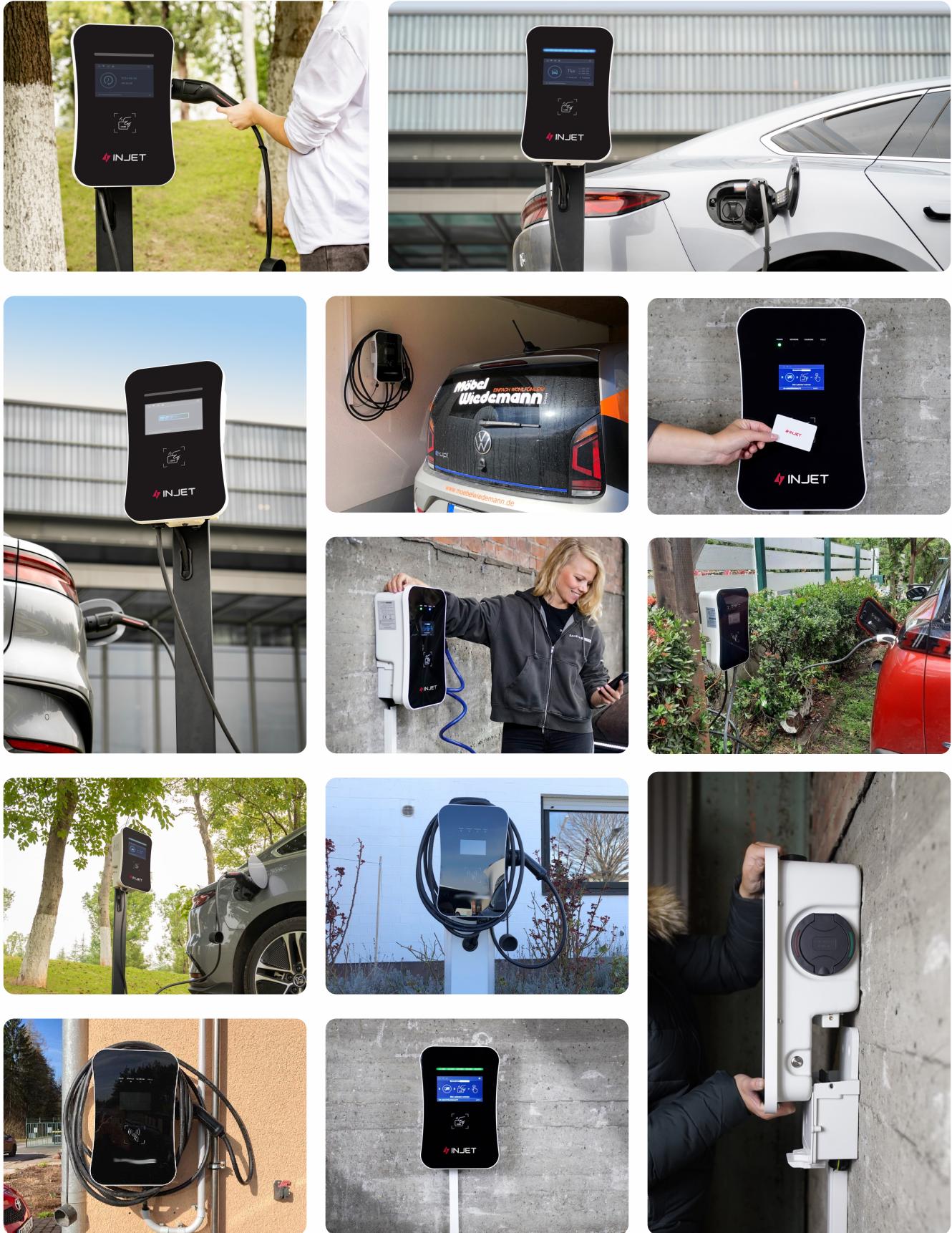
### 3. App-based scheduled charging aligned with time-of-use tariffs

- Automatic charging during low-tariff periods to reduce employees' home charging costs

# Technical Specifications

		Inject Swift Business	Inject Swift Smart
Basic Info	Physical Appearance		
	Application Scenario	Company Parking / Workplace Charging	Employee Home Charging
	Model No.	iM3B-07K0T; iM3B-11K0T; iM3B-22K0T	iM3W-07K0P; iM3W-11K0P; iM3W-22K0P
	Maximum Power	7kW/32A@230VAC; 11kW/16A@400VAC; 22kW/32A@400VAC	
	Plug&Cord	Type2 Socket with Shutter (Recommended) Type2 7.5m (Optional) Type2 Socket with Shutter (Optional)	Type2 5m (Recommended) Type2 7.5m (Optional) Type2 Socket with Shutter (Optional)
	Dimension (W*H*D)mm	416*266*150	
	Material	Tempered Glass Front+Metal Plate Back	
	Colour	Black Front+White Back	
	Indicator & Display	7-Inch LED touch screen with 1 indicating light strip	4.3-Inch LCD with 4 Indicating Lights
Features	Installation Mode	Click to install	
	Measurement Method	Built-in AC smart MID Meter	On-Board Metering
	Communication Interface	Wi-Fi 6(2.4/5GHz)+Buletooth+Ethernet+4G(Optional)	Wi-Fi 6(2.4/5GHz)+Buletooth+Ethernet
	Communication Protocol	Modbus RTU(Via RS-485),Modbus TCP(Via Wifi/Ethernet) , OCPP 1.6J(full functionality),OCPP 2.0.1(Future Upgrade Optional)	
	Charging Method	RFID, APP, Plug & Charge(Without authorization) and One-touch Button	
	Dynamic Load Balancing	Yes, Compatible with External Smart Meter(Optional)	
	PV Surplus Charging	Yes, Compatible with External Smart Meter(Optional)	
	Power Sharing	Yes, Local power sharing, up to 10 chargers supported	No
Safety	Ingress Protection	IP65,IK10	
	Residual Current Protection	TypeA 30mA+DC 6mA	
	Over Load Protection	Yes	
	Over/Under Voltage Protection	Yes	
	Short Circuit Protection	Yes	
	Earth Leakage Protection	Yes	
	Ground Protection	Yes	
	Surge Protection	Yes	
	Over Temperature	Yes	
	Certification	CE(LVD,RED),ROHS	
Environment	Certification Standard	ENIEC61851-1,ENIEC61851-21-2	
	Installation	Wall/Pole Mounted	
	Storage Temperature	-40~75°C	
	Work Temperature	-30~50°C	
	Work Humidity	≤95%RH, No Water Droplet condensation	
	Work Altitude	≤2000m	

# Case Study



# Why Choose INJET?

As fleet electrification enters the scaling phase, companies need more than just equipment – they need **control over charging assets and the operations & maintenance system**. With full in-house R&D, local delivery and structured services, INJET helps enterprises build a charging system that is controllable, scalable and sustainable.



## End-to-End Technology Control

In-house development from hardware and power electronics to protocol software, enabling deep system integration

- Direct access to R&D support for complex scenarios
- Avoid platform lock-in
- Greater autonomy in product selection and upgrades



## Local Inventory Assurance

Local warehousing and spare parts system:

- Shorter delivery lead times
- Reduced uncertainty from cross-border logistics
- Stable support for expansion and replacement



## Direct Local After-Sales Support

Single point of contact, fast closed-loop service:

- Reduced downtime risk
- No need to coordinate multiple parties
- Faster restoration of availability



## France-Wide Authorised Installation Network

Unified installation standards and training system:

- Consistent delivery quality across regions
- Controlled installation costs
- Support for large-scale deployment and relocation

### Give enterprises true control over charging infrastructure

In the clean energy transition, charging infrastructure is no longer merely a cost item – it is a core asset for the future. With end-to-end capabilities across R&D, delivery and operations, INJET helps enterprises build future-ready charging infrastructure for more reliable, cost-efficient and sustainable fleet operations.

#### Swift 2.0 – Built for Corporate Fleets

#### INJET New Energy – Powering the Future



**Sichuan Injet New Energy Co., Ltd.**

📞 +86-0838-6926969 📩 info@injet.com 🌐 www.injetenergy.com

Dec. 2025-V1

