

7kW | 11kW | 22kW

# Injet Swift **Business**

## AC EV Charging Station



**DATASHEET**

**CE RoHS**

# Engineered for Business, Styled for the Future

Specifically designed for commercial complexes, office parks, and parking facilities—meeting diverse operational needs while balancing user experience and management efficiency.



## High-Quality Construction & Touch Screen

- Built with a durable, weatherproof metal enclosure and a hardened glass front – tough, reliable, and visually refined.
- Equipped with a **7-inch touch screen** and a user-centric interface for real-time status display.



## Wireless & Wired Communication Options

Featured both wireless (Wi-Fi, Bluetooth) and wired (Ethernet, RS-485) communication options, ensuring robust and seamless connectivity.



## Billing-compliant MID Electricity Metering

Support precise billing for company fleets, commercial, or rental use.



## Flexible Charging Start & Stop Options

Use Plug & Charge (without authorization), the start-stop button, or activate access protection via the RFID card reader or app.



## Powerful Dynamic Load Balancing

Allocate power to maintain stable charging during peak demand intelligently.



## Power sharing across multiple units

Power sharing across 10 chargers - enables multi-vehicle charging and efficient site management.

# INJET SWIFT BUSINESS

- Easy installation with plug-in terminals for wiring system
- Flexible cable wiring options from both bottom and behind
- CE, RoHS, LVD, RED approved, Security 3, German Eichrecht
- iOS and Android App for usage reports, etc.
- PV surplus charging
- OTA update
- Tethered/untethered, up to 7.5m type2 cable
- Type A 30mA+DC 6mA residual current protection for enhanced safety
- OCPP 1.6J, OCPP 2.0.1 future upgrade optional



# Datasheet of Injet Swift Business

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## Basic Info

Item	Injet Swift Business 7kW/11kW/22kW
Model NO.	iM3W-7K0T; iM3W-11K0T; iM3W-22K0T iM3B-7K0T; iM3B-11K0T; iM3B-22K0T
Maximum Power	7kW/32A@230VAC; 11kW/16A@400VAC; 22kW/32A@400VAC
Tethered / Untethered	Optional
Plug & Cord	Type 2 5/7.5-meter Cable Type 2 Socket Type 2 Socket with Shutter
Dimension(H*W*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
Installation Mode	Click to install

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## Features

Measurement Method	Built-in AC smart MID/PTB meter
Communication Interface	Wi-Fi 6 (2.4/5GHz)and Bluetooth, Ethernet, 4G (Optional)
Communication Protocol	Modbus RTU (Via RS-485), Modbus TCP (Via Wi-Fi or Ethernet), OCPP 1.6J, OCPP 2.0.1(Future Upgrade Optional)
Charging Method	RFID, APP, Plug&Charge(without authorization)
Dynamic Load Balancing	Yes, Optional APCC-1R/3R(Load Balancing Controller Produced by Injet) or External Smart Meter
PV Surplus Charging	Yes, Compatible with External Smart Meter
Power Sharing	Local power sharing, up to 10 chargers supported

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## Safety

Ingress Protection	IP65, IK10
Residual Current Protection	Type A 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
Certification Standard	EN IEC 61851-1, EN IEC 61851-21-2, EN18031

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## Environment

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

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Aug. 2025-V1

