

7kW | 11kW | 22kW

Injet Swift **Smart**

AC EV Charging Station



DATASHEET

CE RoHS

Powering Your Home, Simplifying Your Life

Tailored for home users with a perfect blend of aesthetics and functionality—seamlessly fits into residential parking spaces and delivers a convenient, safe, and smart charging experience.



High-Quality Construction & HD Screen

- Built with a durable, weatherproof metal enclosure and a hardened glass front – tough, reliable, and visually refined.
- Equipped with a **4.3-inch** display 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.



Smart App Control

Easily manage charging records and schedule charging via iOS and Android apps.



Flexible Charging Start & Stop Options

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



Convenient Click-to-Install Design

Get instant setup and easy expandability.



PV Surplus Charging

Utilize surplus solar energy for eco-friendly EV charging.

INJET SWIFT SMART

- Dynamic load balancing and PV mode switching(Boost,Eco and Eco+): power boost, eco, eco+
- Flexible cable wiring options from both bottom and behind
- CE, RoHS, LVD, RED approved, Security 3
- High-quality metal enclosure
- Tethered/untethered
- Up to 7.5m type2 cable
- Type A 30mA+DC 6mA residual current protection for enhanced safety
- OCPP1.6J, OCPP 2.0.1 future upgrade optional
- OTA update



Datasheet of Injet Swift Smart

Basic Info

Item	Injet Swift Smart 7kW/11kW/22kW
Model NO.	iM3W-07K0P; iM3W-11K0P; iM3W-22K0P iM3B-07K0P; iM3B-11K0P; iM3B-22K0P
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	4.3-Inch LCD with 4 Indicating Lights

Features

Measurement Method	On-Board Metering
Communication Interface	Wi-Fi 6 (2.4/5GHz) and Bluetooth, Ethernet
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) and One-touch Button
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

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

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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