Injet Swift

EU series

CE RoHS

* CE NB No. 0370-RED-4388

IEC 62196-2 (Type 2)

INTELLIGENT AND USER-FRIENDLY

- Ethernet
- 4G optional
- WIFI
- Can charge with 100% green energy generated from home solar PV system to save on electricity bills
- Dynamic Load Balance: Without additional communication cables, the charger is able to adjust the charging load to prioritize the household electricity supply.
- OCPP communication with CMS
- Smart APP

Integrated socket

Tethered

Floor mounting with post

FLEXIBLE OPTIONS

- Tethered and integrated socket meet different demands.
- Wall-mount or floor stand installation .

SOLID AND RELIABLE

- Special one-piece metal backcover.
- Anti-scraping tempered glass front cover.
- 4.3-inch highlight display.

SAFETY ALWAYS GOES FIRST

- Type A 30mA + 6mA DC leakage protection.
- CE, ROHS, REACH, LVD, RED approved.

Specification of Injet Swift EU series

Item		Injet Swift 7kW	Injet Swift 11kW	Injet Swift 22kW
Model NO.		M3W132EN M3B132EN	M3W316EN M3B316EN	M3W332EN M3B332EN
Maximum Power		7kW/32A@230VAC	11kW/16A@400VAC	22kW/32A@400VAC
Basic info	Tethered/Socket	Optional		
	Connector	Type 2		
	Dimension(H*W*D)mm	410*260*164		
	Material	Tempered glass front+metal plate back		
	Colour	BLACK front + white back or OEM Color		
	Indicator	4 LED lights, indicate 4 statuses include power, connect, charging and fault		
	Display	4.3-inch		
Features	Ethernet(RJ45)	Optional		
	RFID	Yes		
	WIFI	2.4GHz		
	4G	Optional		
	RS485	Optional		
	OCPP1.6J	Optional		
	APP	Optional		
	Dynamic Load Balancing	Optional		
	Solar charging	Optional		
Safety	Ingress protection	IP65, IK10		
	Residual current protection	Type A 30mA+ 6mA DC		
	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, REACH		
	Certification standard	EN IEC 61851-1, EN IEC 61851-21-2		
Environment	Installation	Wall/Pole mounted		
	Storge temperature	-40~75℃		
	Work temperature	-30~55℃		
	Work humidity	≤ 95%RH, No water droplet condensation		
	Work altitude	< 2000m		

Injet Swift 2.0

CE RoHS

FULLY EQUIPPED AND USER-FRIENDLY

- 7kW/11kW/22kW, tethered/untethered, up to 7.5m type 2 cable
- High-quality metal enclosure with tempered glass front panel
- 4.3-inch LCD display/7-inch capacitive touch screen
- Type A 30mA + DC 6mA
- WiFi 6 (2.4/5 GHz) and bluetooth, Ethernet, RS485, 4G Optional
- Open interfaces: OCPP 1.6J, ModBusTCP/ModBusRTU, OCPP 2.0.1 future upgrade optional
- Metering standards: On-board metering, MID optional
- Unique corset design

INSTALLATION

- EV charging unit connected with installation base using unique "click-to-install" mechanism
- "Click-to-install" – designed in Germany – future-proof and easy to scale
- Flexible cable wiring options from both bottom and behind

SECURITY AND CONFORMITY

- CE, RoHS, LVD, RED approved
- OCA level 3
- German Eichrecht coming soon

INTELLIGENT AND SMART

- iOS and Android App (individual usage reporting, charging scheduling, settings)
- Dynamic load balancing: power boost, eco, eco+
- PV surplus charging
- Power sharing up to 10 units
- OTA update

Untethered

Tethered

Floor mounting with post

Specification of Injet Swift 2.0

Item		Injet Swift 2.0 7kW	Injet Swift 2.0 11kW	Injet Swift 2.0 22kW
Model NO.		M3W-07K0P/T M3B-07K0P/T	M3W-11K0P/T M3B-11K0P/T	M3W-22K0P/T M3B-22K0P/T
Maximum Power		7kW/32A@230VAC	11kW/16A@400VAC	22kW/32A@400VAC
Basic info	Tethered / Untethered	Optional		
	Plug & Cord	Type 2 with 5/7.5 meters cable		
	Dimension(H*W*D)mm	416*266*150		
	Material	Tempered glass front + metal plate back		
	Colour	Black front + white back		
	Indicator & Display	Swift pro: 4.3-inch LCD with 4 indicating lights Swift pro touch: 7-inch LED touch screen with 1 indicating light strip		
Features	Measurement Method	Built-in AC smart MID meter (Optional), On-board metering, Eichrecht coming soon		
	Communication Interface (Remote)	WiFi 6 (2.4/5GHz) and bluetooth, Ethernet, 4G (Optional)		
	Communication Protocol (Remote)	Modbus RTU (Via RS-485), Modbus TCP (Via WiFi or Ethernet)		
	Charging Method	APP, RFID card charging		
	RS485	Yes		
	OCPP 1.6J	Optional		
	OCPP 2.0.1	Future upgrade optional		
	Dynamic Load Balancing	Yes, optional APCC-1R/3R (Load balancing controller produced by Injet) required		
	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		
	Storge temperature	-40~75℃		
	Work temperature	-30~55℃		
	Work humidity	≤ 95%RH, no water droplet condensation		
	Work altitude	≤ 2000m		

Injet Mini

COMPACT BUT POWERFUL

- Compact design with diferent colors
- Select from 7kW, 11kW or 22kW version
- Type 2 connectors with 5 or 7.5 meters cable
- Easy & secure to use - 3 types of start modes
- CEE connector optional for simplified installation

Wall mounting
with Cable Organiser

Floor Mounting
with Pole

SECURE AND RELIABLE

- CE TÜV SÜD Certified
- Multiple safety & protection checks
- RCD sensor 6mA (DC)
- Dust & water proof with IP65

SMART BUT AFFORDABLE

- iOS & Android app connected through bluetooth
- Scheduled charging
- Adjustable charging current
- One-button start optional

Specif ication of Injet Mini

Item		Injet Mini 7kW	Injet Mini 11kW	Injet Mini 22kW
Model NO.		HN10132	HN10316	HN10332
Maximum Power		7kW/32A @230VAC	11kW/16A @400VAC	22kW/32A @400VAC
Basic info	Plug & Cord	Type 2 with 5 / 7.5 meters cable		
	Dimension(H*W*D)mm	180*180*65		
	Plastic	PC+ASA		
	Colour	Black or White		
	Indicator	Yes		
Features	RFID	Yes		
	Bluetooth	Yes		
	APP	iOS / Android connected through bluetooth		
Safety	Ingress protection	IP65, IK10		
	Residual current protection	6mA DC		
	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	SUD TUV CE (LVD, EMC, RoHS), CE-RED		
	Certification standard	EN IEC 61851-1, EN IEC 61851-21-2		
Environment	Installation	Wall/Pole mounted, CEE adapter optional		
	Storge temperature	-40~75℃		
	Work temperature	-30~55℃		
	Work humidity	≤ 95%RH, no water droplet condensation		
	Work altitude	< 2000m		

Injet Mini 2.0

INSTALLATION

- EV charging unit connected with installation base using unique "click-to-install" mechanism
- "Click-to-install" – designed in Germany – future-proof and easy to scale
- Flexible cable wiring options from both bottom and behind

SECURITY AND CONFORMITY

- CE, UKCA, RoHS approved
- OCA level 3 (optional)
- Smart Charging Regulation Compliant

INTELLIGENT AND SMART

- iOS and Android App (individual usage reporting, charging scheduling, settings)
- Dynamic load balancing
- PV surplus charging
- Power sharing up to 10 units
- OTA update

FULLY EQUIPPED AND USER-FRIENDLY

- 7kW/11kW/22kW, tethered/untethered, up to 7.5m type 2 cable
- Two-tone modern design
- Type A 30mA + DC 6mA
- WiFi 6 (2.4/5 GHz) and bluetooth, RS485, 4G Optional
- Open interfaces: OCPP 1.6J, ModBusTCP/ModBusRTU, OCPP 2.0.1 future upgrade optional
- Metering standards: On-board metering

Untethered

Tethered

Floor mounting with post

Specification of Injet Mini 2.0

Item		Injet Mini 2.0 7kW	Injet Mini 2.0 11kW	Injet Mini 2.0 22kW
Model NO.		iMHN-07K0B iMHN-07K0C	iMHN-11K0B iMHN-11K0C	iMHN-22K0B iMHN-22K0C
Maximum Power		7kW/32A@230VAC	11kW/16A@400VAC	22kW/32A@400VAC
Basic info	Tethered / Untethered	Optional		
	Plug & Cord	Type 2 with 5 / 7.5 meters cable		
	Dimension(H*W*D)mm	310*260*115		
	Material	Plastic		
	Colour	Grey		
	Indicator & Display	LED light		
Features	Measurement Method	On-board metering		
	Communication Interface (Remote)	WiFi 6 (2.4/5GHz) and bluetooth, 4G (Optional)		
	Communication Protocol (Remote)	Modbus RTU (Via RS-485), Modbus TCP (Via WiFi)		
	Charging Method	APP, RFID card charging, button		
	OCPP1.6J	Optional		
	OCPP 2.0.1	Future upgrade optional		
	Dynamic Load Balancing	Yes, optional APCC-1R/3R (Load balancing controller produced by Injet) required		
	PV surplus charging	Yes, compatible with external smart meter		
Safety	Ingress protection	IP65, IK10		
	Residual current protection	Type A 30mA + DC 6mA		
	Surge Protection	Yes		
	Ground Fault Protection	Yes		
	Overvoltage Protection	Yes		
	Overcurrent Protection	Yes		
	Overheat Protection	Yes		
	Output short circuit Protection	Yes		
	PEN (for UK)	Yes		
	Tamper-protectionboundary（for UK）	Yes		
	Certification	EU： CE(LVD , RED , EMC), RoHS , NB , ETSI EN 303 645 UK： UKCA (LVD , RED , EMC) , RoHS , AB , ETSI EN 303 645 , Smart Charge Regulation		
	Certification standard	EN IEC 61851-1, EN IEC 61851-21-2		
Environment	Installation	Wall/Pole mounted		
	Storge temperature	-40~75℃		
	Work temperature	-30~50℃		
	Work humidity	≤ 95%RH, no water droplet condensation		
	Work altitude	≤ 2000m		

Injet Hub

Your first DC fast charger for your home, is here.

PRODUCT INTRODUCTION

- OCPP 1.6J: commercial version,applicable for public places like shopping malls, parks and hotels.
- Easy and reliable, faster and convenient.

PRODUCT HIGHLIGHTS

- Fast charging capability: reduce charging time from a whole day to several hours, making EV charging more convenient and faster.
- Safe and reliable: high-quality electronic components and safety protection devices.
- Easy to operate: connect the EV with the charger to start charging, no other complicated operation required.
- Compatibility: compatible with various brands of electric vehicles.

Specification of Injet Hub

Item	Description	Remark
Model	Injet Hub	
Rated power	20kW 30kW 40kW	
Input voltage	TN-C-S, 400V±15%	
Input frequency	50/60 Hz	
PF (Power Factor)	≥ 98%	@50%~100% full load output power
Output voltage	200~1000VDC	
Output current	0 ~100A	
Constant-power output range	300~1000VDC	
Configuration of charging connection device	1 charging cabinet with 1 CCS2 charging plug	5m charging cable
Ripple factor	≤ ± 0.5% (RMS)	
Peak efficiency	≥ 96%	@1000V, 50%~100% full load, rated input Voltage
Voltage stabilized accuracy	< ±1%	@20%~100% full load output power
Output voltage error	± 0.5%	
Output current error	≤ ±1% (when output current ≥ 30A); ≤ ±0.3A (when output current<30A)	
THD-I	≤ 5%	
Electric energy measurement method	Measuring DC output electric energy	
HMI	10-inch LCD touch screen	
Communication interface to central server	Ethernet / 4G-LTE/ Wifi	
Communication protocol	OCPP 1.6J(OCPP 2.0.1 Released in Q2 of 2024)	
Protection rating	IP54	
Work altitude	≤ 2000m	
Work temperature	-20~55℃	Derating output in 50~55℃
Work humidity	≤ 95%RH	Condensation without water droplets
Dimension (H*W*D)mm	750*600*150	
Weight	About 60kg	

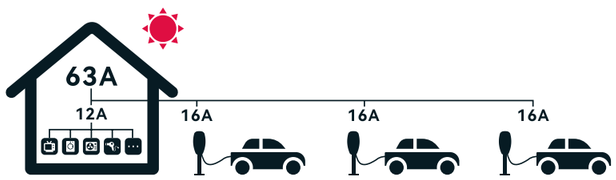
DYNAMIC LOAD BALANCING SOLUTION

Dynamic Load Balancing is a feature that monitors changes in power usage in a circuit and automatically allocates available capacity between Home Loads or EVs.

For single home

It adjusts the charging output of electric vehicles according to the change of electric load.

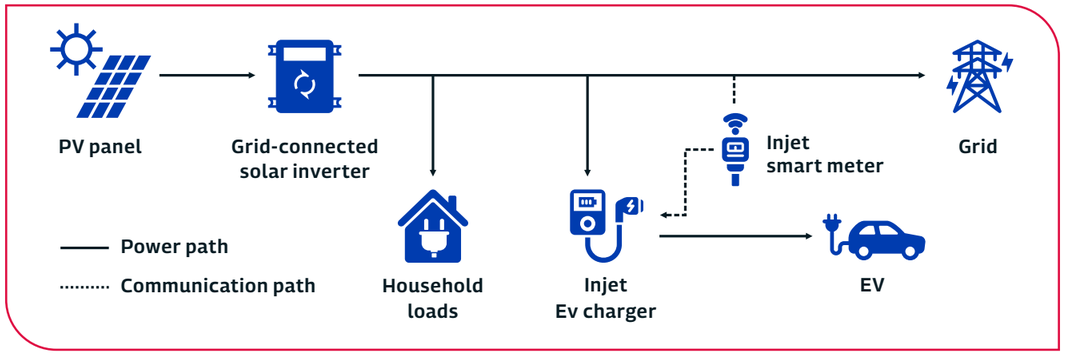
1 DLB device manage
3 chargers or more



For commercial and fleet

INJET SOLAR EV CHARGING SOLUTION

INJET solar EV charging solution enables the charger to choose input either from grid or solar power smartly according to the configuration. It has 3 modes, which you can choose the best one according to your need in any time.



Boost mode	Eco+mode	Eco mode
Max. Charging current	Most economical charging	Smart charging
Only Grid Or only PV system Or Grid+PV system	Only PV system	Only PV system Or Grid+PV system

SMART HOME CHARGING SOLUTION

Scan the QR code to download our WE E-charge APP. Our APP is available both in IOS APP Store and Google Play.

GET IT ON Google Play

Download on the App Store

EXPLORE IT ON AppGallery

Remote control

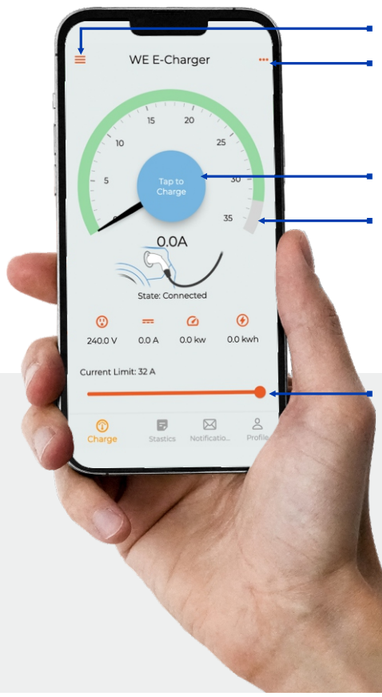
Start/Stop the EV charging

Current limit

Change the charging current and power freely

Easy setting

Video and user manual guidance, show you all the sitting process step by step



Select charger Menu

Manage all your chargers

Schedule / Share / History / Users / Settings / Remove charger

Charging button

Tap to start or stop charging

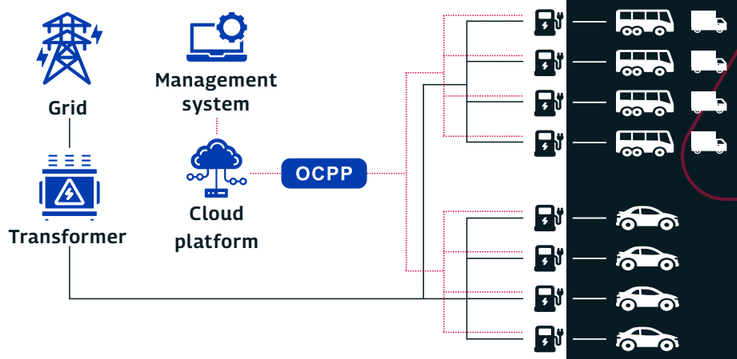
Charging current

Real time charging statistics

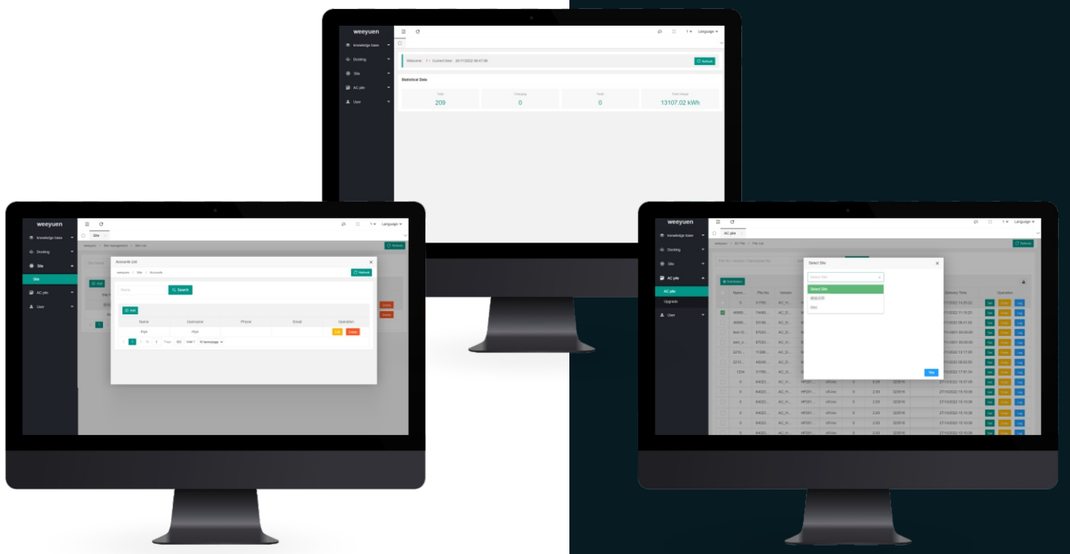
Set current

Freely set to make the charging speed slow or fast.

COMMERCIAL AND FLEET CHARGING SOLUTION



We provide fleet management system to fully support your business.



▲ Site

Where you can manage your distributions

▲ AC Charger

Check all the chargers under your management, and set charging current, protocol version, OCPP server URL, charging mode, WIFI for every chargers.