



Specification of Enviro EV Swift

Enviro EV Swift



FULLY EQUIPPED & 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

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 & CONFORMITY

- CE, RoHS, LVD, RED approved
- OCA level3
- German Eichrecht coming soon

INTELLIGENT & 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



Item		Injet Swift 2.0 7kW	Injet Swift 2.0 11kW	Injet Swift 2.0 22kW
Model NO.		M3W-07KOP/T M3B-07KOP/T	M3W-11KOP/T M3B-11KOP/T	M3W-22KOP/T M3B-22KOP/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	Yes		
	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°C		
	Work temperature	-30~55°C		
	Work humidity	≤ 95%RH, no water droplet condensation		
	Work altitude	≤ 2000m		