

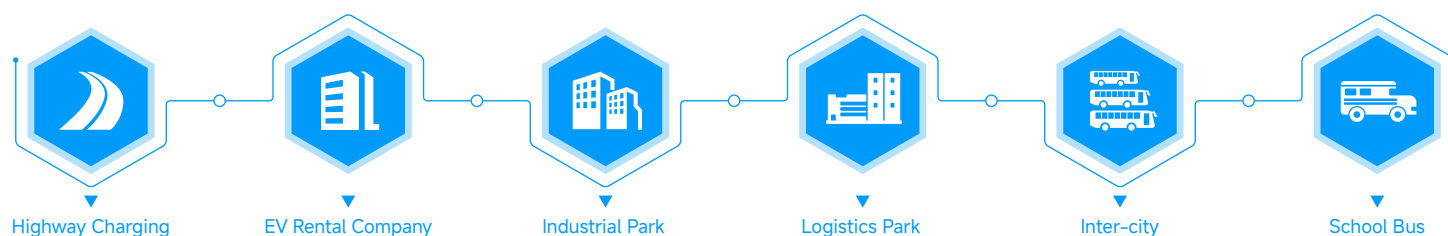


60/80kW V2G DC EV Charger

Appearance



Scenarios



Features

Intelligent & Efficient

60/80KW with V2G bidirectional functions
 200A (continuous mode) and 250A(boos mode) for each connector
 95.5% (3rd party power module) and >97% (EVI own power module)
 MID/PTB metering
 Built-in energy management system for peak shaving , dynamic tariff and energy arbitration

Flexible & Convenient

Pedestal / Wallbox / Mobile version optional
 21.5 inch touch screen with advertisement
 Build in cable management system
 OCPP 1.6 and OCPP2.1
 Easy-to-install and commissioning
 Scheduled charging at anytime and anywhere
 Remote diagnosis & OTA

Secure & Reliable

Segregated ventilation
 55dBA (Standard) and 45dBA(silence mode)
 IP55 & IK10 protection
 Rich hardware and software protection
 Long life design
 ISO 15118-2/3/-20, DIN70121,61851-23 and EN18031(cybersecurity)

Specification

	EVVX2-60K-22-EU	EVVX2-80K-22-EU
Charging Mode		
Rated Input voltage	400Vac -20%/+15%, 3L+N+PE	
Max.Input current range	93A	123A
Input frequency range	50/60Hz	
Power factor	≥ 0.99 at rated power output	
Max. Output Power	60/80 KW	
Output voltage range	200~1000Vdc	
Output current range	0-200A	0-250A
Efficiency(max)	First step: Third party PM: Efficiency = 95.5% Second step: EVI PM: Efficiency ≥ 97%	
Discharging Mode		
Rated Input voltage	400/800 Vdc	
Input voltage range	200~1000 Vdc	
Max. Output Power	60/80 kVA	
Output voltage range	400Vac -20% /+15%; 3L+N+PE	
Output power factor	0.8 leading to 0.8 lagging	
Safety		
RCD	Type A	
Ingress Protection Rating	Cabinet IP65, Screen IK10	
Grounding Protection	Class I	
Protection	AC: Over/Under Voltage Protection, Over/Under Frequency Protection; Busbar: Over/Under Voltage Protection DC: Over/Under Voltage Protection, Over Temperature Protection, Output overload & short circuit protection, PME protection, Insulation Detection	
General Information		
Display	21.5" touch screen and buttons	
RFID	ISO 14443A+B to part 4	
Meter	MID/PTB option	
Cable/Connector	5m (7.5 optional) cable with CCS2 connector	
Communication	Wi-Fi 2.4GHz/5GHz, 4G, Bluetooth, WAN, LAN, RS485, CAN	
Noise	<55dB(A) at 1m; Silence mode, <45dB(A), 30°C , 50%~75% load.	
Operating Temperature Range	-30°C - 55°C (Rated input/output Voltage) 50 - 55°C output power derating based on test	
Storage Temperature Range	-40°C - 85°C	
Relative Humidity	0 - 95% Condensing	
Cooling	Forced Air Cooling	
Operating Altitude	Altitude ≤ 2000m (No derating); 2000<Altitude ≤ 3000m (the load should derating)	
Overvoltage Level	III	
Installation	Wall-mounted / Pedestal-mounting / Mobile	
Design Life	10 Years	
Warranty	2 years	
Dimension (W × H × D)	530 × 1178 × 276mm	
Weight	≤ 115kg	≤ 120kg