



AEVQC Series AC & DC Combo Charger

AEVQC-22-50-U3M

AEVQC-44-50-U3M

The charger integrates AC and DC charging and is equipped with three connectors, to provide users with multiple charging options. It's based on international standards IEC 61851 and IEC 62196, suitable for charging at large bus parking lots, highway service areas, busy urban areas, etc.



AC & DC integration

With 3 charging connectors, max. AC output of 22kW and DC output of 50kW, can offer AC and DC fast charging simultaneously



Higher efficiency

Ultra-high DC charging efficiency, designed to deliver full output power continuously



User friendly

- Multi-language intelligent touch screen HMI
- Support various payment methods, including credit card quick pass
- Independent operating interface for AC and DC side



Easy maintenance

- Modular design, easy to expand and maintain
- Support remote maintenance and online update



Wide applicability

- 50~500V wide output voltage range, applicable to various vehicles
- Comply with European and Japanese standard



Smart management

Support the open communication protocol OCPP 1.6, enable intelligent monitoring with back office system and mobile app



Higher reliability

Either for indoor or outdoor use, efficient heat dissipation, resistant to rain, snow, high or low temperature, long-term and stable operation in a harsh environment



Strong security

Multiple protections, including auto power off, overcharge protection and failure isolation, etc.



◆ **Product**

Description	Model	Unit	Type	Remark
EV QUICK CHARGER	AEVQC-22-50-U3M	UNIT	Integrity	With charging gun (3 guns)

◆ **Parameter**

Item		Tech index		
	system	AC + DC charging station - compliant with many standards		
Environmental	Surroundings	Indoor and outdoor installation		
	operating temperature	-20 °C to +55 °C		
	storage temperature	-40 °C to +70 °C		
	Conformity and safety	CE		
Input	AC power connection	3P + N + PE		
	Input voltage range	400 V AC +/-10% (50 Hz)		
	Max. Rated input current and power	150A, 100 kVA		
	Power factor (full load)	> 0.99		
output		AC output	GB	CHAdEMO
	Maximum output power	22kw	50 kW	
	Output voltage range	400 V +/-10%	200-500 V DC	50-500 V DC
	Maximum output current	32 A	125 A DC +/-5 %	120 A DC
	efficiency	99%	95%	95%
	connection standard	SAE J1772	GB/T20234.3-2015	CHAdEMO 1.0
	Plug Type	SAE J1772	GB	CHAdEMO/JEVS G105
General	cable length	5m		
	User Authentication	RFID		
	HMI	Glare-free 7-inch touch screen, Display of the charging process		
	Networking	GSM-Modem/3G-Modem/10/100 Base-T Ethernet		
	electric meter	MID (Measuring Instruments Directive) 2004/22/EG		
	protection	IP54		
	operating noise	≤ 65 dBA		
Dimension		W750*D700*H1900(mm)		

◆ **Product**

Description	Model	Unit	Type	Remark
EV QUICK CHARGER	AEVQC-44-50-U3M	UNIT	Integrity	With charging gun (3 guns)

◆ **Parameter**

Item		Tech index		
	system	AC + DC charging station - compliant with many standards		
Environmental	Surroundings	Indoor and outdoor installation		
	operating temperature	-20 °C to +55 °C		
	storage temperature	-40 °C to +70 °C		
	Conformity and safety	CE		
Input	AC power connection	3P + N + PE		
	Input voltage range	400 V AC +/-10% (50 Hz)		
	Max. Rated input current and power	150A, 100 kVA		
	Power factor (full load)	> 0.99		
output		AC output	Combo Typ 2	CHAdeMO
	Maximum output power	44kw	50 kW	
	Output voltage range	400 V +/-10%	200-500 V DC	50-500 V DC
	Maximum output current	3 x 63 A	125 A DC +/-5 %	120 A DC
	efficiency	99%	95%	95%
	connection standard	EN 61851-1: 2010	EN 61851-23/DIN 70121 Combo Typ 2	CHAdeMO 1.0
	Plug Type	IEC 62196 Mode 3, Typ 2	Combo Typ 2	CHAdeMO/JEVS G105
General	cable length	5m		
	User Authentication	RFID		
	HMI	Glare-free 7-inch touch screen, Display of the charging process		
	Networking	GSM-Modem/3G-Modem/10/100 Base-T Ethernet		
	electric meter	MID (Measuring Instruments Directive) 2004/22/EG		
	protection	IP54		
	operating noise	≤ 65 dBA		
Payment	Visa/MasterCard	Induction type IP54/Insertion type IP20		
Dimension		W750*D700*H1900(mm)		

