



# Electric Vehicle DC Quick Charger, GB Standard, 1 or 2 guns

AEVQC-60/750-U2

AEVQC-120/750-U2



## ◆ Product

The company's EV charger using high-frequency switching power supply technology, digital DSP technology and PWM control technology to charge the battery through intelligent charging control algorithm. The power range is 60kW~150kW, which is suitable for public parking lot, new energy bus charging station, expressway service area, etc.

## ◆ Brief Introduction

Description	Model	Unit	Type	Remark
DC EV QUICK CHARGER	AEVQC-60/750-U2 AEVQC-120/750 U2	UNIT	Integrity	With charging gun (2 guns)



◆ Parameters

Item		Tech index	
Model		AEVQC-60/750-U2	AEVQC-120/750 U2
Input	Input voltage	AC380V (3P+N+PE)	
	Max. input current	≤128A	≤256A
	Frequency	50Hz	
	Power factor	>0.99	
Output	Output voltage	DC250-750V (Continuously adjustable)	
	Output rated power	60kW	120kW
	Output current	0-100A	0-200A
	Stabilized voltage precision	≤±0.5%	
	Stabilized current precision	≤±1%	
	Soft start	3~8s	
	Module current imbalance	≤5%	
	Ripple factor	≤±0.5%	
	Working efficiency	≥0.94	
	Port standard	National standard 9 core DC charging gun, GB/T20234.3-2015	
	Charging gun cable	7m	
	Output method	Dual gun smart output	
	Auxiliary power	12V/24V 10A	
	Communication protocol	CAN, GB/T27930-2015	
HMI	Touch screen		
Metering	DC meter to measure the output power		
Communication	Ethernet		
Installation	Floor mounted		
Dimensions (mm) (Width x Depth x Height)	W 950mm D 610mm H 1650mm	W 850mm D 850mm H 1850mm	
IP	IP54 (outdoor)		
Cooling method	Air		
Ambient environmental requirement	Operating Temperature	-20°C~50°C normal; 50°C~75°C derating output	
	Storage temperature	-40°C~75°C	
	Humidity	5%~95%	
	Above sea level	≤2000m full load output	
	Installation spot	Free from strong vibration and impact, electromagnetic interference, external magnetic field induction strength shall ≤ 0.5mT	
	Installation inclination	≤5°	