



Lightning EV charger(EU)

Key Features



360kW-720kW high-power charging, charging efficiency $\geq 96\%$.



Fast charging, more energy efficient and convenient.



Advanced power scheduling, reasonable distribution of electrical energy.



Intelligent operation and maintenance, remote monitoring of the running status of the charging pile and fault warning in advance, timely removal of hidden dangers.



Suitable for a variety of application scenarios, such as shopping malls, high-speed service areas, public operation stations.

PARAMETER

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Direct current cabinet				Charging terminal	
Model	BSC-L36BCC	BSC-L48BCC	BSC-L72BCC	DC Output characteristic	
Input characteristic				Number of charging points	CCS2
Input voltage	260-475V AC			Charging mode	Mode 4
Input frequency	45-66Hz			Output voltage	150-1000V DC
Input Amps/per phase	558 A	372A+372A	558A+558A	Max. output power	500kW
Stand-by consumption	<30W			Max output current	250A(Boost 400A)
THD	≤5%(50% ~ 100% full load)			Voltage accuracy	<±0.5%
Mechanical & Mounting				Current accuracy	<±1%
Dimension(W×D×H)	1400*810*1800	1400*810*1800	1600×810×2100	Ripple coefficient	RMS: ±0.5%;Peak: ±1%
Weight	470kg	650kg	782kg	Meeting accuracy	Class C
Mounting	Floor-mounting			Efficiency	≥ 96%
				Cable Length	5M
				Protection	
				Over voltage protection	√
				Under voltage protection	√
				Over load protection	√
				Short circuit protection	√
				Ground leakage protection	√
				Over-temp protection	√
				Surge protection	√
				TypeA RCBO	√
Function & Accessory				Mechanical & Mounting	
TFT Color touch display	15''（Button + Touch）			Dimension(W×D×H)	420×240×1543
LED indicator light	√			Weight	100kg
Emergency stop button	√			Mounting	Floor-mounting
cantilever	√				
Working Environment				Altitude	≤2000m
Protection degree	IP55			Housing material	Carbon steel spraying
Environment temperature	-35~55℃			Noise emission	< 65db
cooling	forced air cooling			Storage temperature	-40~70℃
Relative humidity	5%-95%			Mechanical impact resistance	IK10
Standard					
IEC 61851.1 /IEC61851.23/ISO 15118/DIN SPEC70121					



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