

Thunderbird Series (GB/T Series, EU Standard Series)

Product Overview:

The Thunderbird series low-power DC Fast Chargers have the characteristics of small size, light weight, and easy installation. Widely used in commute transportation, logistics, rental industries, etc. The overall design fully considers the heat dissipation, noise control, and protection level issues of the charging module, adopted with isolated forced air cooling to achieve the best heat dissipation effect. The drop type air duct design effectively prevents water vapor and dust from entering the power module. With independently developed high-performance core control board and power supply module, the monitoring unit is designed in a distributed manner to reduce risks and improve product reliability. Applicable to the low-power DC charging needs in shopping malls, office buildings, parks, etc.

Product Advantages:

Safety: High protection, low noise design. Compatible with various environments. Equipment control and power component compartment design, high equipment reliability. Real time monitoring of 24 dynamic data such as abnormal BMS data, battery thermal runaway, gun head overheating, etc., with high charging safety.

Strong: Maximum efficiency up to 95%, improving operational efficiency. Low standby power consumption of equipment reduces operating costs.

Intelligence: With an ultra wide charging voltage range, it meets the charging needs of various vehicle models. It features integrated design, intelligent device management, and supports online status diagnosis and OTA remote upgrades.





20/30/40KW GB/T Series

Product Model		LSEV-DC750/20-D	LSEV-DC750/30-D	LSEV-DC750/40-D
System power	Rated power	20KW	30KW	40KW
Input parameter	Input voltage	260-480V AC		
	Max input current	40A	55A	70A
	Frequency range	50/60HZ		
Output parameter	Output voltage	150~750V DC	150-1000V DC	
	Output current	0~50A DC	0~100A DC	0~130A DC
Basic characteristics	Protection level	IP55		
	Startup method	Plug&Play		
	Installation method	Floor mounted		
	Communication interface	Ethernet、4G		
	Protection functions	Protections of emergency stop, overcurrent, overvoltage, high temperature, short circuit, lightning, grounding.		
	Functional accessories	7-inch color screen 、 LED Indicator light, emergency stop button		
	Cable length	5M or optional		
	Cooling method	Forced air cooling		
	Working temperature	-20°C ~+55°C		
	Storage temperature	-20°C ~+55°C		
	Working humidity	≤95%		
	Altitude	≤2000		
	Product size(L*W*H)	500*250*1600mm		
	Packaging size(L*W*H)	650*400*1800		

Product Model		LSDC20D	LSDC30D	LSDC40D
System power	Rated power	20KW	30KW	40KW
Input parameter	Input voltage	260-480V AC		
	Max input current	40A	55A	70A
	Frequency range	50/60HZ		
Output parameter	Output voltage	150~750V DC	150-1000V DC	
	Output current	0~50A DC	0~100A DC	0~130A DC
Basic characteristics	Protection level	IP55		
	Startup method	Plug&Play		
	Communication protocol	OCPP 1.6 Json/2.0		
	Installation method	Floor mounted		
	Communication interface	Ethernet、4G		
	Protection functions	Protections of emergency stop, overcurrent, overvoltage, high temperature, short circuit, lightning, grounding.		
	Functional accessories	7-inch color screen 、 LED Indicator light, emergency stop button		
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