

## Zeus Liquid-cooling Charging Stack (GB/T Series, EU Standard Series)

### Product Overview:

On the basis of the split type smart EV Charger, the liquid cooling ultra-fast charging technology is adopted. The liquid cooling technology quickly removes the heat generated during equipment operation, effectively reducing the temperature of core components and extending the service life of equipment. At the same time, the liquid cooling system operates with extremely low noise, coupled with a split design, making the charging station environment quieter and more comfortable. In addition, the liquid cooled supercharging gun technology supports ultra-high power charging scenarios and is suitable for fast charging of various high-capacity batteries in electric vehicles. The charging terminal is equipped with a liquid cooling system, which can carry a maximum current of 950A and maintain stable operation for a long time, with a low failure rate. It can achieve full charging of electric vehicles and enter the era of minutes, which is the future direction of charging technology development. Our company has a deep cooperation with international brand ABB and adopts its advanced supercharging technology.

### Product Advantages:

**Better Cooling Effect:** Compared with traditional air cooling, adopted with the liquid cooling method, it can more efficiently cool the charging module and charging gun head, prevent charging overheating and shorten the service life, and also improve the efficiency of fast charging.

**Faster Charging Speed:** Achieving the fast charging of the electric vehicles, so as to save time of charging for customers.

**Safer Charging:** Through liquid cooling technology, accidents caused by excessive heat release are avoided. The charging terminal is equipped with a liquid cooling system, which can carry a maximum current of 950A and maintain long-term stable operation with low failure rate.

**Full Coverage of Charging:** wide voltage platform, constant power range, cover various types of vehicles.

**Intelligent Charging:** remotely upgrade programs and diagnose faults.





# 480/960KW GB/T Series

Product Model		LSEV-DCFY-480	LSEV-DCFY-960
System power	Rated power	480KW	960KW
Input parameter	Rated Output voltage	AC380V	
	Input voltage range	AC323V~AC437V	
	Input current range	≤850A	≤1650A
Output parameter	Output voltage range	DC 150V~1000V	
	Constant power voltage range	DC300V~1000V	
	Output max current	1600A(System)	3200A(System)
	The number of outputs	1~8	1~16
Terminal characteristics	Terminal Type	Intelligent liquid-cooling charging terminal	
	Charging interface	Dual gun	
	Cable length of gun	5M(standard) (optional)	
	Single output current	(Liquid cooling terminal) 3-600A	(Common terminal) 0~250A
	Terminal size (L*W*H)	(Liquid cooling terminal) (Single gun)500*380*1800mm	(Common terminal)500*250*1600mm
	Terminal weight	(Single gun)80KG/(Dual gun)100KG	
Applications	Peak efficiency	≥96%	
	Startup method	Plug&Play	
	Installation method	Floor mounted	
	Human-computer interaction	7-inch touch LCD screen	
	Communication interface	Ethernet、4G	
	Protection level	IP55	
	Working temperature	-30 ~ 50°C(50-65°C power derating)	
	Relative humidity	5% ~ 95%RH(No condensation)	
	Altitude	2000m(2000 ~ 4000m power derating)	
	Host size(L*W*H)	1200*1300*2000MM	1600*2200*2000MM
	Host weight	759KG	1518KG

Product Model		LS-EVF480Y	LS-EVF960Y
System power	Rated power	480KW	960KW
Input parameter	Rated Output voltage	AC380V	
	Input voltage range	AC323V~AC437V	
	Input current range	≤850A	≤1650A
Output parameter	Output voltage range	DC 150V~1000V	
	Constant power voltage range	DC300V~1000V	
	Output max current	1600A(System)	3200A(System)
	The number of outputs	1~8	1~16
Terminal characteristics	Terminal Type	Intelligent liquid-cooling charging terminal	
	Charging interface	Dual gun	
	Cable length of gun	5M(standard) (optional)	
	Single output current	(Liquid cooling terminal) 3-600A	(Common terminal) 0~200A
	Terminal size (L*W*H)	(Liquid cooling terminal) (Single gun)500*380*1800mm	(Common terminal)500*250*1600mm
	Terminal weight	(Single gun)80KG/(Dual gun)100KG	
Applications	Peak efficiency	≥96%	
	Startup method	Plug&Play	
	Installation method	Floor mounted	
	Human-computer interaction	7-inch touch LCD screen	
	Communication interface	Ethernet、4G	
	Protection level	IP55	
	Working temperature	-30 ~ 50°C (50-65°C power derating)	
	Relative humidity	5% ~ 95%RH(No condensation)	
	Altitude	2000m(2000 ~ 4000m power derating)	
	Host size(L*W*H)	1200*1300*2000MM	1600*2200*2000MM
	Host weight	759KG	1518KG