

Guardion charger station

The BossCharger Standard Series integrated DC fast charger is based on in-house developed and produced charging modules and controllers. With optimal end-user experience in mind, the BossCharger Standard Series adopts a three-cavity structure and digital current balancing technology to significantly improve reliability and operational efficiency. With BossChargers advanced AI digital platform, remote performance monitoring and intelligent O&M is made possible, providing the best charging system solutions for car owners, O&M personnel, and operation managers.



• User Centric Interface

The high-definition touch screen dynamically displays information such as charging methods, electricity price details, and charging status, enhancing user's experience.

• Futuristic Design Language

Streamlined design with LED light bar dynamically displays charging status.

• Smart Charging Control Algorithm

Digital current sharing and fast startup ensure efficient operation.

• Optimal Performance and Efficiency

In-house power module not only improves charging efficiency, ensuring a safer and more stable charging process, but also provides a full range of after-sales service guarantees, allowing for worry-free experience for users.

• Multi-layered Safety Mechanism

Built-in protection mechanisms, including 8-layer safety protection, automatic power-off when fully charged, one-button emergency stop, etc., can assist stations and users to promptly detect and handle abnormal situations during charging, ensuring safe charging process.

• Strict Quality Control

Strict release tests on all products, including salt spray test, electrical performance test, waterproof test, dustproof test, power off and plug test, radiation interference test, etc., to ensure the quality of chargers from the source.



PRODUCT PARAMETER

Datasheet	Name	BSC-DC6005EU	BSC-DC8005EU	BSC-DC12005EU	BSC-DC16005EU	BSC-DC20005EU	BSC-DC24005EU
Input	Power Supply	3P+N+PE					
	Rated Voltage	400VAC±20%					
	Rated Current	90A	120A	180A	240A	300A	360A
	Frequency	50/60Hz					
Output	Output Voltage	200-1000V DC	200-1000V DC	200-1000V DC	200-1000V DC	200-1000V DC	200-1000V DC
	Maximum Current	200A	200A	250A	250A	250A	250A
	Rated Power	60KW	80KW	120KW	160KW	200KW	240KW
User Interface	Charge Connector	GB/T, CCS2 and Mixed Connector					
	Cable Length	5m/10m (Optional)					
	Enclosure	Galvanized steel					
	LED Indicator	Green/Yellow/Red					
	LCD Display	7" color touch screen					
	RFID Reader	Mifare ISO/IEC14443 A					
	Start Mode	QR Code / RFID Card / VIN (Optional)					
	Emergency Stop	Yes					
	POS Terminal	Optional					
Communication	WiFi	Yes					
	Ethernet	Yes					
	3G/4G	Optional					
	OCPP	OCPP1.6Json(OCPP2.0 upgraded)					
Electrical Parameter	Efficiency	≥95%					
	Power Factor	>0.99 @50%-100% loading					
	THD	≤5% @ 100% loading					
	Ripple Factor	≤±1%					
	RCD	Type A					
Safety	Ingress Protection	IP54					
	Impact Protection	IK08					
	Electrical Protection	Over current protection, Residual current protection, Surge protection, Over/Under voltage protection, Over/Under frequency protection, Overtemperature protection					
	Certification	CE (TÜV), CB, CNAS, CMA					
	Certification Standard	EN IEC 61851-1:2019, IEC 61851-1:2017, EN 61851-23:2014, EN 61851-24:2014					
	Warranty	3 years					
Environment	Installation	Floor-stand					
	Cooling Method	Fan cooling					
	Noise	≤60dB					
	Work Temperature	-30°C~+50°C					
	Work Humidity	5%-95%					
	Work Altitude	<2000m					
Package	Product Dimension	700mm × 400mm × 1600mm			730mm × 550mm × 1800mm		
	Package Dimension	1020*750*2020mm(L*W*H)					