


BOZANKAYA CHARGING SYSTEM

CHARGING FLEET MANAGEMENT



EU Standard DC Charging system , CCS Type 2 , IEC 62196-3	
Charger Capacities	Charging unit up to 360 kW in multiples of 30 kW
Output Connection	Single Socket or Double Socket
Output Power	Up to 360 kW (varies depending on the model)

Specifications: Bozankaya 240 kW (2 x 120 kW , 1 x 240 kW)		
<ul style="list-style-type: none">• The compact, modular design makes it perfect for retail, highway or fleet use, with power sharing to further optimize utilization. All Bozankaya chargers feature connectivity for remote services and OCPP enablement.• Flexible configuration Bozankaya DC fast chargers with power up to 360 kW are designed for the most compact, reliable and futureproof demands. In addition to a range of power selections, Bozankaya chargers can be configured with in single or dual outlet format. Cable management, payment enablement and connectivity choices also offer owners, operators and site hosts options tailored to the needs of every charging site, from public to fleet needs.		
Input	Voltage	3 x 380 V AC (+ /- %20)
	Frequency	50/60 Hz
	Connection	3P + PE + N
Output	Voltage	150 V – 1000 V DC
	Power	240 kW (2 x 120 kW or 1 x 240 kW)
Protection	Over Charge	Software and hardware controlled
	Over Voltage / Under Voltage	Software and hardware controlled
	Extreme temperature	Software and hardware controlled
	Lightning protection	Hardware controlled
	Galvanic Isolation	Yes
	Emergency Button	Yes
	Current reverse protection	Software and hardware controlled, Conforming to IEC 61851-23.
	Residual Current and Overvoltage Protection	Hardware controlled according to CAT III, IEC 61851-23 and EN IEC 60664-1
	Low voltage surge protection devices	Surge protection devices connected to low voltage power systems comply with IEC 61643-1, IEC 616434-11.
Active power factor	Cos Φ ≥ 0,99	
Efficiency	[%] ≥95	
Charging standard	Universal Charging System : ISO 15118, IEC 61851, DIN 7012	
Charging cable type	<ul style="list-style-type: none">• CCS 2 (x 2) / EN/IEC 61851-23, IEC 62196-3• > 5 meter	
Environment	Operating temperature	-35°C to +55°C
	Cooling / Heating	With Forced Air Cooling and Cabin Heating Unit
	Protection	IP 54 , IK10
Dimensions / Weight	Length, Width, Height	900 mm x 900 mm x 2000 mm
	Weight	Max. 400 Kg (Varies depending on configuration)
General Brief Descriptions	<ul style="list-style-type: none">• Remote control, update and troubleshooting via cloud management system.• Complies with ISO 15118 EN/IEC 61851-21-2 EMC Standard.• Bozankaya charging unit provides dynamic power management function.• Charging Algorithm is Constant Current (CC) and Constant Voltage (CV) compatible.• Anti vandalism resistant design• Multi languages• Our chargers are suitable for charging management system, fleet management system, smart charging planning systems, battery management systems.	
Touch Display Specifications	<ul style="list-style-type: none">• Touch screen• RFID (ISO – 14443A/B and ISO-15693) with card reader• 15" TFT-LCD XGA 4:3 1024x768 IP 65 Panel PC• Input : 12V-36VDC, 1x VGA, 1x HDMI,• Certificate: CE, FCC, ROHS, <div></div>	