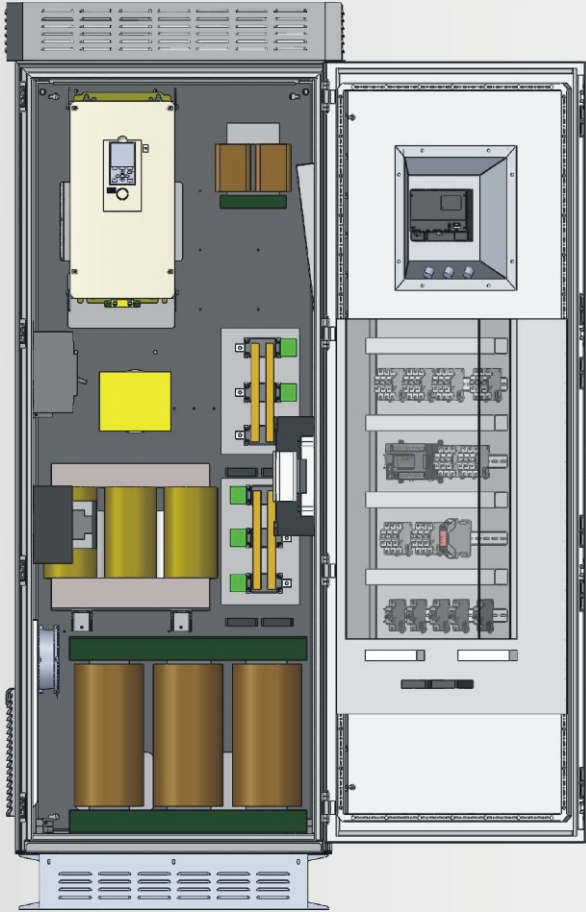


**75KW AC/DC
CHARGING STATION
FOR CHARGING
OF BATTERY e-BUSSES**

AC/DC Charging station 75 kW

Input Rating	100A AC	3 x 380V DC (± 15%)
	Number of wire	3 + N + PE
	Current THD	Compliant with IEC 61000-3-12
	Efficiency	0,95
Output Rating	90A DC	450 ÷ 750V DC digital adjustable
Protection	Overcurrent, overvoltage, short circuit, overtemperature, ground and isolation fault	
	Electric shock protection	Residual device
User Interface & Control	7" TFT-LCD touch screen	Operating, adjustment, alarms, charging process, indication of current, voltage, power, LOG
	RFID reader	Bus identification by dedicated tags
	Support language	English, Bulgarian (other languages available upon request)
	Lamps / Push buttons	Stand by/Reduced power, Start/Priority, Stop, Emergency stop
	Charging Options	Charging by duration, limited energy value, priority
Communication	Network interface	3G/4G remote internet access, RS485, Ethernet, Wi-fi
	Connectivity	Web based platform with real time values for managing
Environmental	Storage temperature	-35°C ÷ +50°C
	Operating temperature	-35°C ÷ +45°C
	Humidity	<95% relative humidity, non-condensing
	Altitude	Up to 1000m
Charging process	Automatic startup	No inrush current
Mechanical	Ingress protection	IP55
	Air cooling	Forced air two levels
	Heating	Heaters
Dimensions	860mm (W) x 660mm (D) x 2300mm (H)	
Weight	1200kg	
Regulation	Certificate / Compliance	CE and others
Charging time	Related on transfer of 278,5 kWh energy (ESORT)	Less than 4 hours (nominal charging current 90A DC) Less than 6 hours (reduced charging current 65A DC)
Charging interface	One	CCS2/COMBO2 type or others
Charging cable	One	Conductor cooling optional
Monitoring software included	Web based	Charging process: date, time, temperature, power, energy, duration, voltage, SOC etc.
Dispatcher system	Web based	Charging stations current statuses and archive data



AC/DC CHARGING STATION 75 kW

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CCS2

