

Current charging performance	
Battery charging	max 200A DC through CCS2 interface
Ultra capacitor charging	max 550 A DC through pantograph
Efficiency	0.95
Charging	
Charging process	Automatic startup, No inrush current
Interface for battery e-buses	CCS2/COMBO2 type or others
Interface for ultra capacitor e-buses	Two or four pole pantograph
Charging cable for 75 kW	Conductor cooling / heating
Charging cable for 150 kW	Coolant cooling
Charging Options	Charging by duration, limited energy value, priority
Conditions	
Temperature range	-25 to +35 degree C / -35 to +45 degree C
Humidity	< 95% relative humidity, non-condensing
Altitude	Up to 1000m
Protection	
Protection	Overcurrent, overvoltage, short circuit, overtemperature, ground and isolation fault
Electric shock protection	Residual device
Control	
User Interface & Control	7" TFT-LCD touch screen – Operating, adjustment, alarms, charging process, indication of current, voltage, power, LOG
Support language	English, Bulgarian (other languages available upon request)
Push buttons/lamps	Stand by/Reduced power, Start/Priority, Stop, Emergency stop
Communication	
Network interface	3G/4G remote internet access, RS485, Ethernet, Wi-fi
Connectivity	Web based platform with real time values for managing
Optional RFID reader	Bus identification by dedicated tags
Monitoring	
Monitoring software	Web based – Charging process: date, time, temperature, power, energy, duration, voltage, SOC etc.
Dispatcher system	Web based – Charging stations current statuses and archive data
Mechanical	
Ingress protection	IP55
Air cooling	Forced air two levels
Heating	Heaters
Regulations	
Certificate / Compliance	CE and others
Current THD	Compliant with IEC 61000-3-12