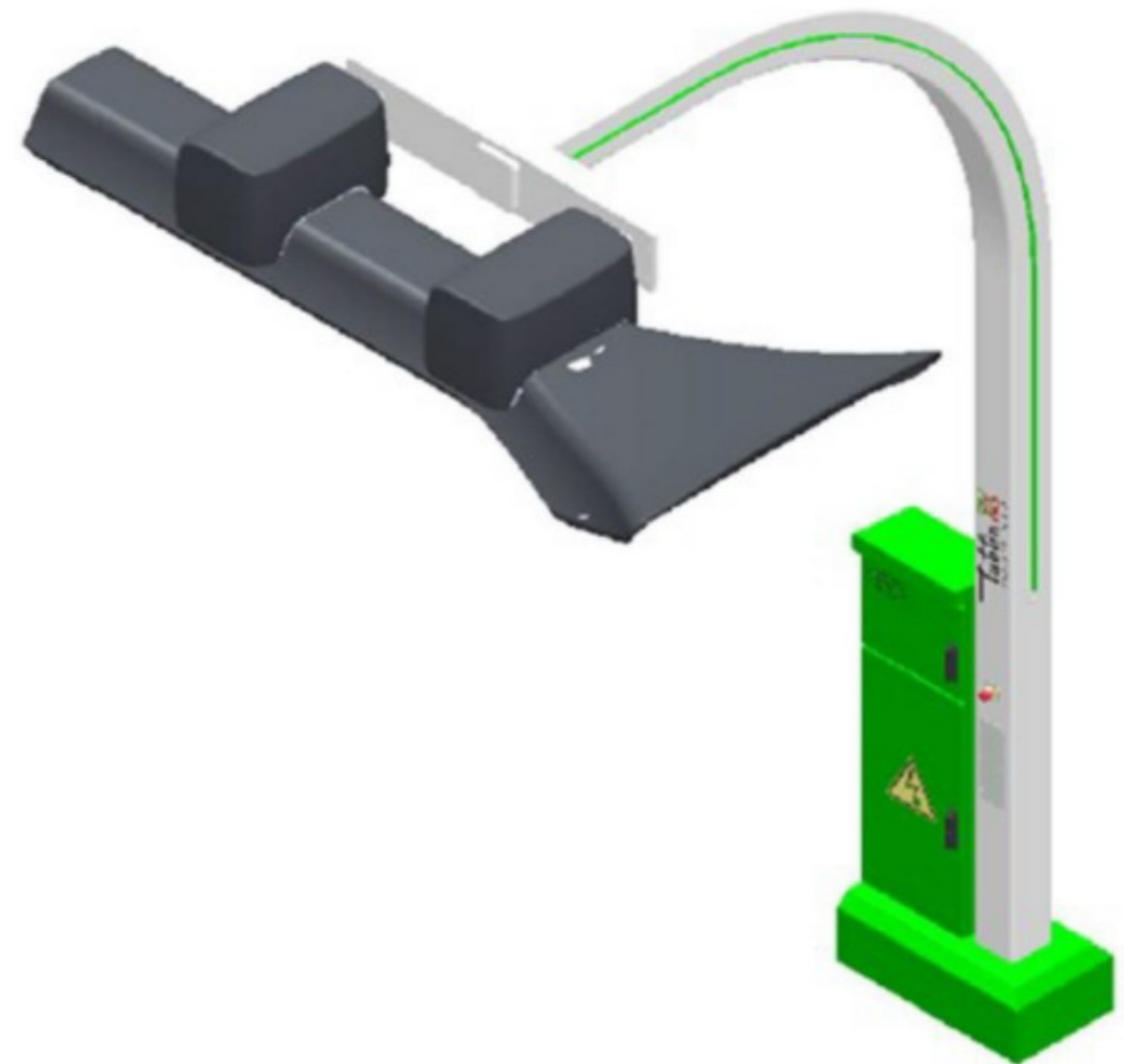


# ENI-SPANT/450 Pantograph station

## APPLICATION



ENI-SPANT/450 Pantograph Station is a fast and powerful charger. It is intended for charging electric buses equipped with a Ride&Charge pantograph (from EC Engineering sp. z o.o.) The station is designed to be used outdoors. The station is powered directly from an industrial power supply, 3 x 400 VAC. The pantograph mast can be adjusted to any pantograph type and manufacturer.



**SPECIFICATION**

TYPE	ENI-SPANT/450
Compressor supply voltage	3 x 400 V <sub>AC</sub> 50 Hz
Supply voltage variation	± 5%
Charging connection plug	CCS Typ2, Combined Charging System, IEC 62196-3
Charging voltage range	460 V <sub>DC</sub> ÷ 800 V <sub>DC</sub>
Number of charging connections	2
Rated power output	450 kW ( upgradable to 600 kW)
Rated charging current	800 A ( pantograph), 200 A (CCS2)
Efficiency	max. 95%
Communication with the vehicle	ISO 15118 standard
Cooling	Forced air
Enclosure protection rating	Power supply cabinet SZ1 - Control section, IP55, according to EN-60529 - Control section, IP23 according to EN-60529 - IK10 according to PN-EN 50102:2001  Mast switchboard RM1 - IP55 according to EN-60529 - IK10 according to PN-EN 50102:2001
Size (L x W x H)	Power supply cabinet: 2000 x 1090 x 2442 mm
Weight	Power supply cabinet: ~ 1500 kg, MP1 mast with RM1 switchboard and docking station ~ 1000 kg