

RIDE & CHARGE



E-MOBILITY SYSTEMS FOR URBAN TRANSPORT



ENGINEERING

RC20

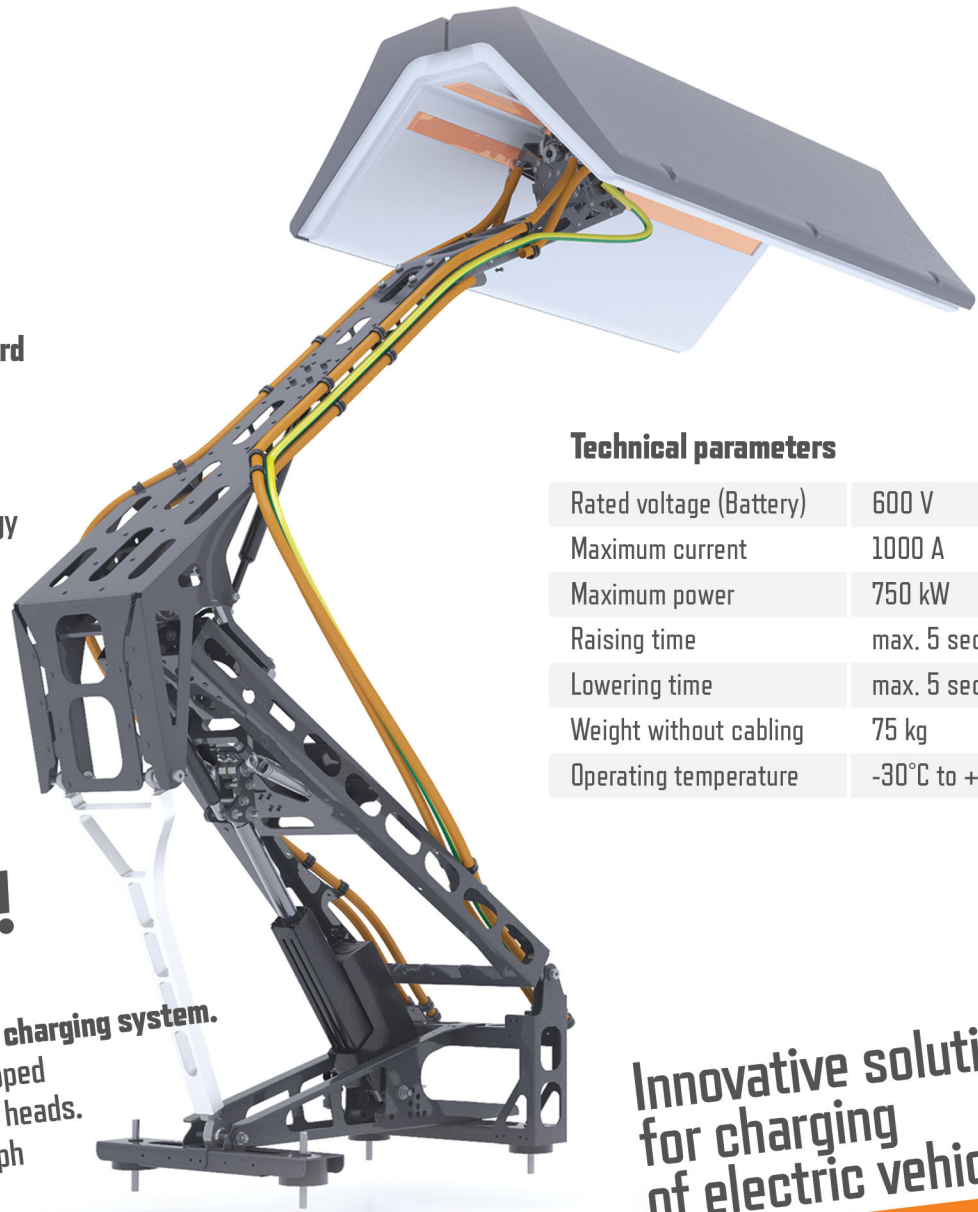
E-BUS CHARGING SYSTEM

Based on EN 50696 standard

- Annex B charging dome
- Ultra-light construction
- Compact design
- Noise-reduction technology
- Space-saving solution

**2 systems,
- 1 solution!**

EC Engineering provide RC20 charging system. RC20 Pantograph can be equipped with two different pantograph heads. This allows the new pantograph to work with two types of charging stations.



Technical parameters

Rated voltage (Battery)	600 V
Maximum current	1000 A
Maximum power	750 kW
Raising time	max. 5 sec.
Lowering time	max. 5 sec.
Weight without cabling	75 kg
Operating temperature	-30°C to +65°C

**Innovative solutions
for charging
of electric vehicles**

RC10

E-BUS CHARGING SYSTEM



- Ready to transmit power immediately when the vehicle is stopped
- Charging power up to 1500 A
- Low maintenance costs
- Lightweight design
- Reliable operation in harsh weather conditions
- The innovative design of the head allows:
 - kneeling of the bus during charging
 - angled approach
 - installing the station on the arc

TCC30

TROLLEYBUS PANTOGRAPH

**Cost effective
and reliable**

New product which production started in 2021. ECE trolleybus current collectors are compatible with all types of network systems. The TCC30 system is designed for trolleybuses (with length 12, 15 and 18m), powered by 600 V, 750 V or 1000 V.

The set consists of a trolleybus pantograph, locking hooks, and rope rewinders.

The pantograph can operate both as semi-automatic as well as manual. TCC30 system is controlled by an electro-pneumatic box, which is responsible for controlling the actuators and the logic of operation of the entire system.

Technical parameters

Rated current	600 A
Rated voltage	1000 V
Catenary distance	600/700 mm
Pole	Straight/angled
Temperature range	-30°C to +40°C
Maximum translation from traction	4500 mm
Height in lowered position	700 mm
Minimum working height	800 mm
Maximum working height	4200 mm
Pressure on traction	80-150 N
Maximum forward speed	90 km/h
Maximum reverse speed	15 km/h
Working pressure	6,0 bar
Current cable	70 mm ²
Weight	300 kg (with control box)



**INNOVATIVE
ECONOMY**
NATIONAL COHESION STRATEGY

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