

Pantograph CPSG5-4

1 Summary

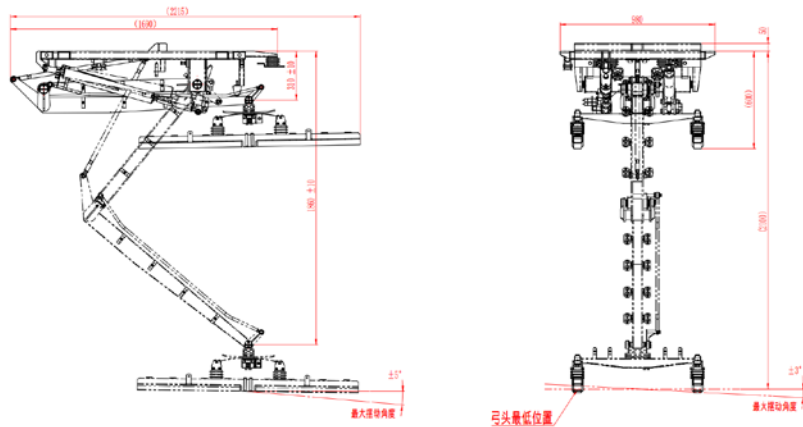
Characteristics

- Zero emission
- Maximum charging power:375kW
- >95% charging efficiency
- Flexible charging mode

Applications

- Ultra capacitor electric city bus
- Fast charging electric city bus
- Other fast-charging electric city vehicles

2 Dimension



3 Product Specification

Part Number	CPSG5-4
Operating Temperature (°C)	-25 ~ 55°C
Storage Temperature (°C)	-30 ~ 55°C
Rated Voltage (V)	750VDC
Rated Current (V)	500A
Operating Voltage Window (V)	24VDC
Maximum Current (A)	10A
Work cycle of current delivery system	12 minutes of delivery, 3 minutes of suspension (25°C)
Work cycle of lifting system	25%
Maximum stroke	1550mm
Use stroke	1300 ≤ S ≤ 1500mm
Time of descending pantograph	≤ 8S
Time of lifting pantograph	≤ 10S
Contact pressure	320 ± 10N (Adjustable)
Length of pantograph	1400 ± 5mm
Width of pantograph	810 ± 5mm
Length of plate	650 ± 2mm
Weight	180 ± 5kg

4 Test method

Test conditions

- Temperature : -25°C ~ 55°C
- Atmospheric pressure : 86kPa ~ 106kPa
- Relative humidity: 25%~85%

Standards and conformity

- EN 61815
- ISO 15118
- IEE 802. 11a

5 Product liability

- Aowei shall not be held responsible for the accident which caused by the violation of this specification
- Improvements of the product or upgrading of related technologies may change without further notice
- To learn about the new products, welcome to contact us