100% low-floor Tram
Key Features

- 100% low-floor tram with customization option for the entire life cycle;
- Full NVC with SuperCaps technology, perfectly matching the city landscape;
- Simplified construction of tramway; trams charging when docked at stations (within 30s);
- Excellent electric braking performance from 70 km/h to zero without requiring friction brake;
- Full regenerative brake energy return, reduce the overall energy consumption by 30%.
- High performance of traction and braking system with excellent bogie design and powerful shock absorber to lower the noise by 5-10 decibel compared with ordinary 100% low-floor trams;
- Eco-friendly SuperCaps that could be harmlessly disposed after life cycle, with no potential pollution to the environment.

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Haizhu Tram project

Siemens’ first NVC 100% low-floor tram in China

- 7.7 km trial section along the Zhujiang River connecting the convention and exhibition center, CBD, riverside sightseeing belt and the bar area as the main transport connection in the area;

- SuperCaps NVC technology;

- In operation since the end of 2014.
Huai’an Tram

Siemens’ current biggest tram project in China with the largest number of trams and the longest tramline.

- 20.3 km in length; part of the major transportation network of Huai’an;
- SuperCaps NVC technology;
- In operation since the end of 2015.
Wuhan Dahanyang Modern Tram project

Coupling operation enabled to help customer cope with peak time traffic.

- 16.8 km in total connecting Wuhan’s industrial district and Zhuankou central district, transferable to Wuhan Metro Line 3;
- SuperCaps NVC technology;
- Coupling operation during peak time;
Shenzhen Longhua Modern Tram project

Siemens tram project with the shortest delivery period in China.

- 11.72km in total with 8.59km mainline and 3.13km branch line, connecting the administrative buildings, science and technology park, and various public facilities and communities;

- SuperCaps NVC technology;

- Will start operation in June 2017.