

# TOSA: a breakthrough fast-charging bus technology

Enabling emission-free public transport in Geneva

## Line 23

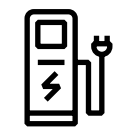


**18.75**<sub>m</sub>  
bus length



**133**  
passengers  
per bus

## Technology



**13** out of **50**  
stops flash-charging  
stations

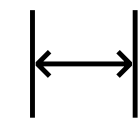


**600** kW **20** sec  
flash charging

## Vital statistics

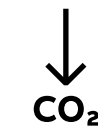


More than  
**10,000**  
passengers a day  
travel on the route



**>600,000** km  
per year

## Benefits



**1,000**<sub>t</sub>  
reduction of emissions  
per year for  
**600,000** km



**10** decibels  
**noise level reduction**  
Half the noise pollution  
generated by conventional  
diesel buses.