

VOITH

**A Breakthrough
Worth Stopping For!**

DIWA.6 Stop-Start
Technology



DIWA Automatic Transmission with Stop-Start Technology: The Ideal Urban Bus Transmission

The evolution of efficiency in urban traffic

- Depending on the duty cycle, city buses spend up to 40% of their operating time in idle mode
- A reduction of 10 to 12% in fuel consumption can be achieved, depending on application
- No negative influence regarding startup readiness in urban city applications
- DIWA.6 Stop-Start technology enables stop times of up to 180 seconds

Benefits of the DIWA.6 Stop-Start technology



Reduction of fuel consumption by 10 to 12%



More comfort for passengers, drivers and pedestrians



Stop times of up to 180 seconds



Up to a third less engine operating time





Voith Stop-Start Technology in operation with the National Express in Birmingham



Reduced CO₂, NO_x, particulate and noise emissions



No change to the existing transmission required



Proven in operation in more than 1 000 buses



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Inspiring Technology
for Generations