SINAUTEC
AUTOMOBILE TECHNOLOGIES LLC

A SUSTAINABLE SOLUTION FOR PUBLIC TRANSPORTATION

Photo showing Sinautec Ultracap Bus in operation in Shanghai

Sinautec's Ultracap and Hybridcap Bus offer a pollution free alternative to diesel, LNG, and trolley buses. Ultracap Bus is powered purely from electricity stored inside the ultracapacitors on the lower deck of the bus. The vehicle enters the bus stop to load and unload passengers while the overhead charger instantly recharges the ultracapacitors inside. The Hybridcap Bus uses a combination of ultracapacitors and batteries to extend the range of the vehicle. Sinautec's Ultracap Bus and Hybridcap Bus have been serving the Greater Shanghai area since 2006, with fuel efficiency of 1.5 KWH per mile of operation.

FOR FURTHER INFORMATION PLEASE CONTACT:
SINAUTEC AUTOMOBILE TECHNOLOGIES LLC
DAN YE, CHIEF EXECUTIVE OFFICER
900 NORTH STAFFORD STREET, SUITE 2526
ARLINGTON, VA 22203
TEL: 202-244-5178
EMAIL: DAN.YE@SINAUTECUS.COM
WEB-SITE: WWW.SINAUTECUS.COM

41 SEAT ULTRACAP BUS

Ideal for on-campus shuttle and municipal bus lines with short in-between-stop intervals. Sinautec's Ultracap Bus offers the advantage of low fuel cost, low noise pollution, and zero tailpipe emission.

Vehicle Size:	**37 Feet 6 Inches Length**
	8 Feet 2 Inches Width
	11 Feet 1 Inch Height
	41 Passenger Seats
Maximum Speed:	**30 MPH**
Power Source:	**5.9 KWH Ultracapacitors**
Electric Usage:	**1.5 KWH per Mile**
Charging Time:	**6 Minutes***
Maximum range:	**3.5 Miles with full air conditioning**
Bus Weight:	**12.5 Tons**
Acceleration:	**4 Feet / Second**
Maximum Slope:	**12 Degrees**
Voltage and Current:	**600-720V, 200A**
Air Conditioning:	**15 KW Air Conditioning**
Vehicle Life:	**8-12 Years**

*** Charging Time Depends on Charging Station Voltage**

41 SEAT ULTRACAP HYBRID BUS

The hybrid battery-ultracapacitor bus extends the in between stop range of conventional ultracapacitor bus.

Vehicle Size:	**37 Feet 6 Inches Length**
	8 Feet 2 Inches Width
	11 Feet 1 Inch Height
	41 Passenger Seats
Maximum Speed:	**33 MPH**
Power Source:	**2.25 KWH Ultracapacitors****
	60 KWH Lead Acid Batteries
Electric Usage:	**1.5 KWH Per Mile**
Charging Time:	**6 hours for Lead Acid Batteries**
	30-240 Seconds for Ultracapacitors
Maximum range:	**45 Miles on Lead Acid Batteries**
	Opportunity Charging Through Ultracapacitors
Bus Weight:	**12.5 Tons**
Acceleration:	**4 Feet / Second**
Maximum Slope:	**12 Degrees**
Voltage and Current:	**600-720V, 200A**
Air Conditioning:	**11.6 KW Air Conditioning**
Vehicle Life:	**8-12 years**
	18 Months Battery Replacement

**** Battery-Ultracapacitor can be customized to fit bus route**