



ROAD TO THE ALL ELECTRIC  
COMMUTER COACH | APTA BUS &  
PARATRANSIT | MAY 8, 2017



# PROFILE & HISTORY

- Largest **electric bus and rechargeable battery OEM** in the world, 2<sup>nd</sup> largest for cellphone, laptop, and tablet components.
- **\$15B** revenue in 2016.
- 60% of our public shares are owned by **American** investors.
- Warren Buffet's **Berkshire Hathaway** is single largest investor.
- In 2014 the Chairman of BYD won the **Zayed Future Energy Prize** Lifetime Achievement Award.
- In 2014, Sustainia Award named BYD one of the **top 10 global innovators** in clean tech.
- Bloomberg named BYD the 8<sup>th</sup> **most innovative company in the world** in 2010.
- Fortune Magazine called BYD one of the top companies **changing the world** in 2015.





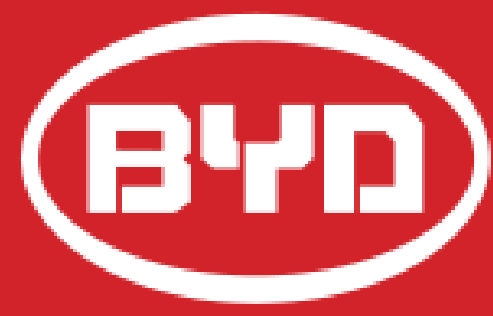
# ZERO EMISSION VISION





# KEY ELEMENTS

- Designed and manufactured **from the ground up** in Lancaster, CA
- The **first** of its kind for BYD and the world.
- The first unit went from **idea to the road in just 12** months.
- Utilized BYD's core competencies **in batteries, motors, inverters, and high voltage equipment.**
- More than **200 mile** range.
- Completely **Stainless Steel** Structure.
- Rear mounted **pure electric power HVAC.**
- Includes **ADA Lift** (Ricon Mirage F10X) & retains **luggage bay.**
- Utilized familiar **vendors** for the non-BYD components.



# DESIGNED FROM THE GROUND UP



*Chassis Backbone Frame*



*Section of Chassis*



*Chassis Sections on Backbone*



*Chassis Section in Jig*



*Frame Welded on Chassis in Jig*



# DESIGNED FROM THE GROUND UP





# THE CORE TECHNOLOGY

Load Capacity      13T/28,600 lbs.  
Max Torque          Nm 1,500 x 2  
Max Power          kw 180 x 2  
Max RPM            5,000  
Max H.P.            480  
Motor                BYD3425TZA





# THE FINAL PRODUCT & NEXT STEPS







QUESTIONS & DISCUSSION