



# BYD Motors Overview

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## 220,000 Employees Globally

- 4 service center locations in U.S. and 18 million square meters of manufacturing space globally



## BYD's Lancaster, California Manufacturing Facility Spans 550,000 Square Feet

- Over 750 union jobs



## #1 Commercial EV Manufacturer

- BYD has sold over over 13,000 electric trucks and 65,000 electric buses worldwide



## 2<sup>nd</sup> Largest Passenger EV Producer

- Over 170,000 sold



## 2020 BYD Group Revenue: \$23.8 Billion

- \$119.5 billion peak market cap, 4<sup>th</sup> highest in EV sector



## ISO 9001 Certified QMS

- BYD's Lancaster, California manufacturing facility meets the industry's highest standards

# Core Technology: BYD Battery



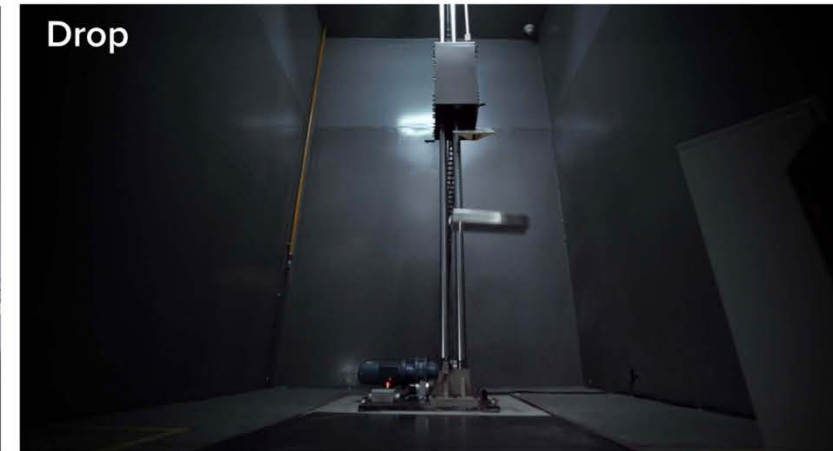
Founded as a battery company in 1995, BYD is now one of the world's top battery producers.

BYD's Iron Phosphate Batteries are ideal for truck applications:

- Safest in the industry
- High energy density
- Wide range of operating temperatures
- Battery Thermal Management System (BTMS) and advanced water-cooling technology maintain high efficiency

BYD has 12.6 GWh in installed capacity globally, with yearly capacity expected to reach 65 GWh by 2022.

# Safety Tested



BYD batteries are rigorously tested and remain stable in even the most extreme conditions.

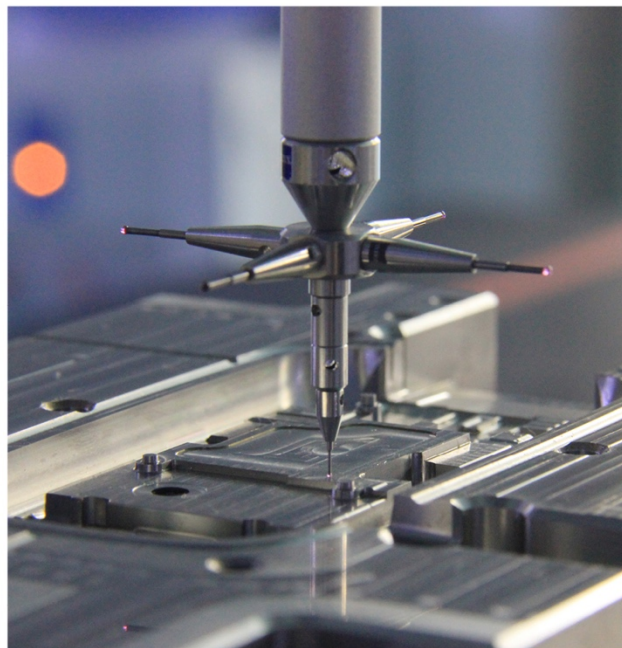
# BYD Business Divisions



**COMMERCIAL VEHICLES**



**PASSENGER VEHICLES**



**ELECTRONICS**

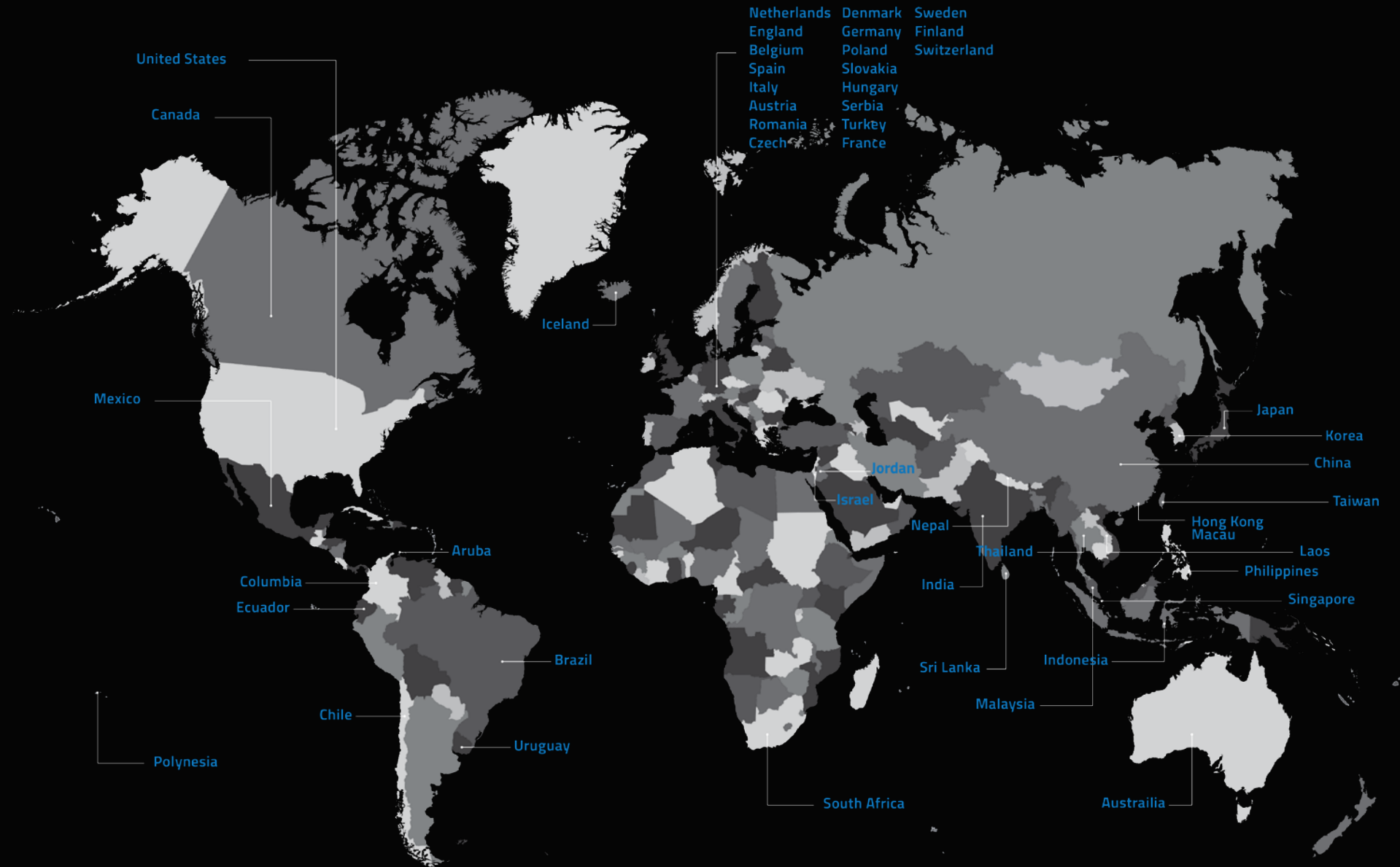


**BATTERIES & ESS**



**SKYRAIL & SKYSHUTTLE**

# Global Presence



# BYD in the US - Lancaster Facility



ISO 9001 Certified QMS



No. C2017-01866

ISO 9001 Certification

# Electric Bus Applications



Airport



Transit Agency



University



Corporate and Tourism



# The Largest Selection



Twelve models ranging from 23' to 60'

# BUS CUSTOMERS



Terminal Operations



Refuse Collection



Distribution & Logistics

# BYD 6F Straight Truck (Class 6)



## Specifications:

GVWR: 26,000 lbs

Range: 125+ mile working range

Battery Capacity: 221 kWh (343 kWh ER)

Maximum Power: 335 hp

Charging Power: 40 kW AC / 120 kW DC (CCS1)

## Industry Applications

- Logistics
- Delivery
- Food and Beverage
- Fresh & Frozen Goods
- Airport Operations
- Distribution



# BYD 6R Refuse Truck (Class 6)



## Specifications:

Wheelbase: 153 in

GVWR: 26,000 lbs

Battery Capacity: 211 kWh

Maximum Power: 335 hp

Charging Power: 40 kW AC / 120 kW DC (CCS1)

## Available Body Configurations

- Rear Loader
- Bin Wash Truck
- Dump Truck
- Stakebed
- Box Truck

# BYD 8R Refuse Truck (Class 8)



## Specifications:

GVWR: 72,750 lbs

Range: 60+ mile working range

Battery Capacity: 281 kWh (403 kWh ER)

Maximum Power: 402 hp

Charging Power: 40 kW AC / 120 kW DC (CCS1)

## Available Body Configurations

- Automated Side Loader
- Rear Loader
- Front Loader
- Roll Off

\*Compatible with all major body configurations

# BYD 8TT & 8TT ER Tandem Axle Day Cab (Class 8)



## Specifications:

GCWR: 105,000 lbs

Battery Capacity: 422 kWh (563 kWh ER)

Maximum Power: 483 hp

Charging Power: ~200 kW DC (CCS1)

## Industry Applications

- Drayage
- Food & Beverage
- Transfer Operations
- Distribution
- Logistics

# BYD 8Y Yard Truck (Class 8)



## Specifications:

GCWR: 102,000 lbs

Battery Capacity: 217 kWh

Maximum Power: 241 hp

Charging Power: 40 kW AC / 120 kW DC (CCS1)

## Industry Applications

- Marine Terminal
- Warehouse
- Rail Yard
- Transfer Station
- Distribution Center



# Illustrative Example



**BNSF Railway**

**Vehicle Type:** BYD 8Y Yard Tractor  
**Operation Type:** Rail Yard

**Location:** San Bernardino and  
Hobart/Commerce, CA.

# Illustrative Example



**BNSF Railway**

Vehicle Type: BYD 8Y Yard Tractor  
Operation Type: Rail Yard

Location: Stockton, CA

# Illustrative Example



**Red Hook  
Container  
Terminal**

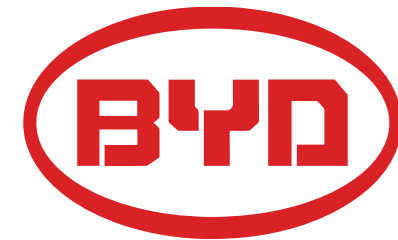
**Vehicle Type:** BYD 8Y Yard Tractor  
**Operation Type:** Marine Terminal

**Location:** Newark, NJ



## BYD works with customers to provide charging solutions that fit their specific charging needs

- Low-speed AC charging for slow overnight charging
- High-speed DC charging for fast opportunity charging
- All trucks come standard with CCS 1 charging capability



Thank You

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