

The image features three BYD electric trucks against a dark blue, atmospheric background. On the left is a white utility truck with a large front-mounted component. In the center is a green and white box truck with a large white cargo box. On the right is a blue semi-truck with a modern, aerodynamic cab. The trucks are illuminated from below, creating a sense of depth and highlighting their features. The text 'BYD ELECTRIC TRUCKS' is prominently displayed in white, bold, sans-serif font across the middle of the image, with the tagline '- HARD AT WORK -' centered below it.

BYD ELECTRIC TRUCKS
— HARD AT WORK —

BYD QUICK FACTS



250,000 Employees Globally
30 industrial campuses on
5 continents



BYD's Lancaster, CA Manufacturing Facility
Spans 550,000 Sqft.
Over 750 local workers employed



Global leader in Electric Buses
BYD has delivered over 53,000
electric buses worldwide



250,000 Employees Globally
30 industrial campuses on
5 continents



2021 BYD Group Revenue: \$34 Billion
60% compounded annual revenue growth
over 11 years

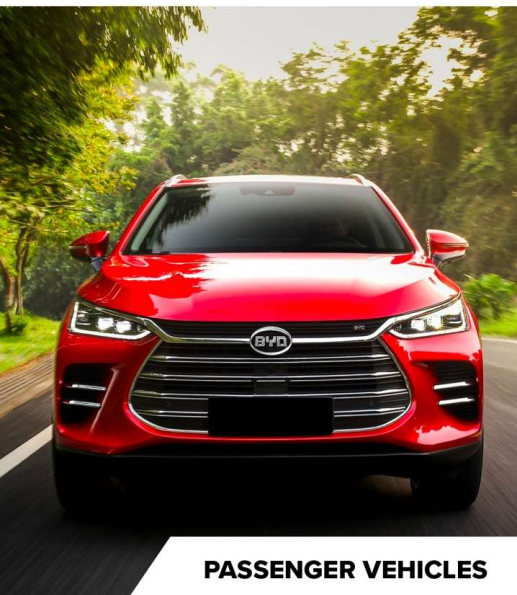
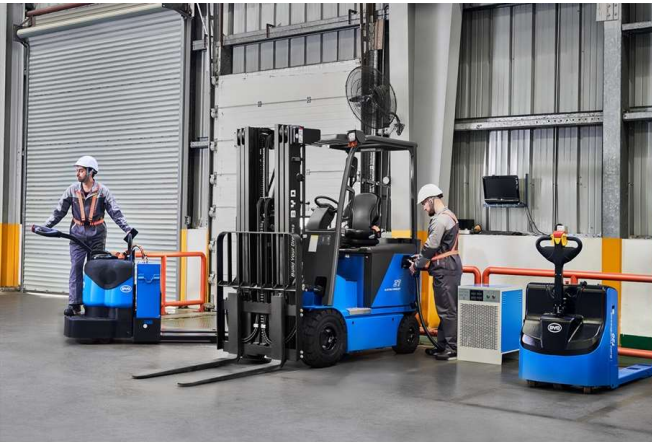


ISO 9001 Certified QMS
BYD's Lancaster, CA manufacturing facility
meets the industry's highest standards



BYD Business Divisions

COMMERCIAL VEHICLES



PASSENGER VEHICLES



ELECTRONICS



BATTERIES & ESS



SKYRAIL & SKYSHUTTLE

ISO 9001 Certification

ISO 9001 Certified QMS



No. C2017-01866

ISO 9001 certification ensures the industry's
highest quality standards.



Nearly 750 Union Manufacturing Jobs

ISO 9001 Certified QMS

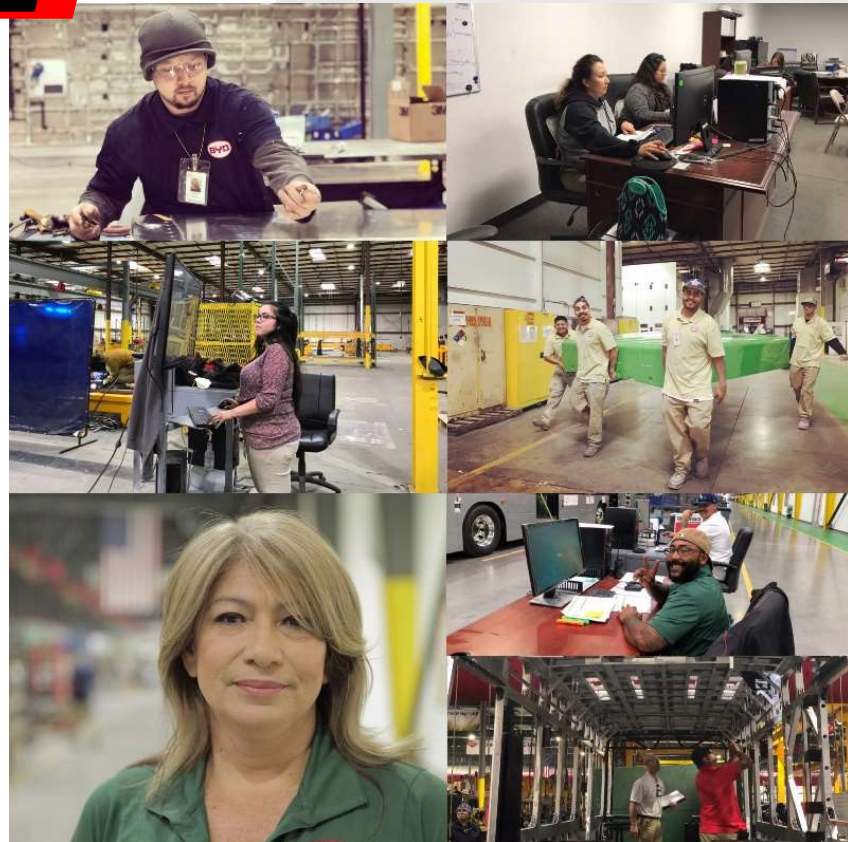


No. C2017-01866

900+ U.S. Employees In All Locations



**JOBS TO MOVE
AMERICA**



BYD Battery



Core Technology

BYD Battery

Warranty:

Standard 8 year warranty

Safety:

Each BYD battery must pass rigorous impact, drop, vibration and external fire testing.

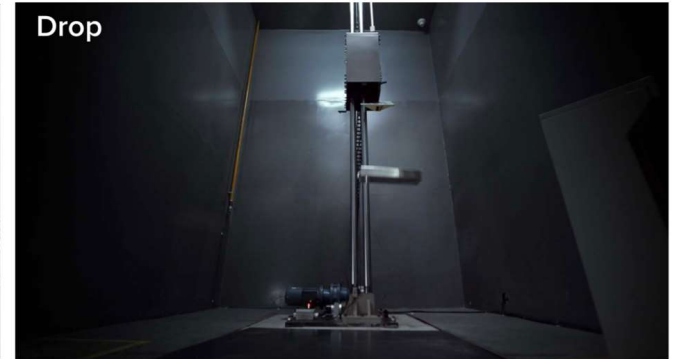
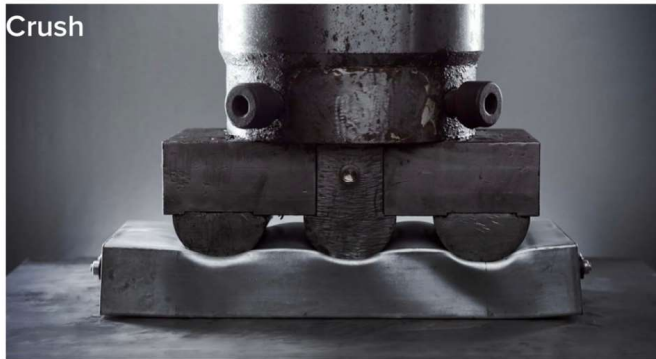
Longevity:

A 10-year track record and millions of on-road miles means BYD batteries are built to last.

Reliability:

BYD's LFP batteries far exceed the cycling capabilities of other chemistries.

Safety Tested



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



Battery Certification

UL – 2580

Batteries for Use in Electric Vehicles

UL – 1642

Standard for Lithium Batteries

UN 38.3

Lithium Metal and Lithium Ion Batteries

UN ECE R100

Battery Standards for Electric Vehicles

GB/T 31484-2015

Cycle Life Requirements for EV Batteries

GB/T 31485-2015

Safety Requirements for EV Batteries

GB/T 31486-2015

Performance Requirements for EV Batteries



Reliability Testing



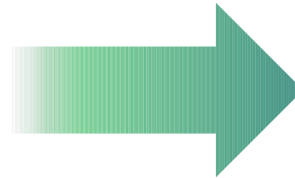
Advanced rough road simulations allow for industry leading testing standards.

These conditions provide >30x regular wear and tear for accelerated durability test result.

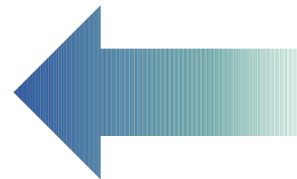
Extreme Weather Testing

Summer & Winter Test

BYD electric trucks complete vehicle winter tests in Harbin with an ambient temperature of **-22°F (-30°C)**.



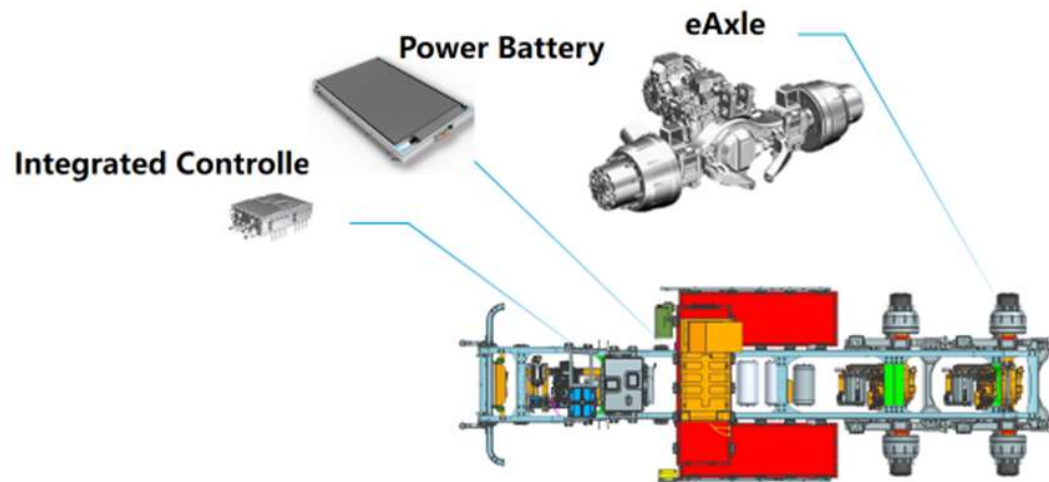
BYD electric trucks complete vehicle summer tests in Turpan with a ground temperature of **190.4 °F (88°C)**



BYD Powertrain



Core Technologies



Build Your Dreams

BYD's proprietary motor technologies provide instant torque for superior performance and efficiency in heavy-duty applications. Regenerative braking reduces brake pad wear while charging the batteries.



Transportation Market Solution



Terminal Operations

Refuse Collection

Distribution & Logistics



BYD 6F Straight Truck (Class 6)

Specifications:

GVWR: 26,000 lbs

Range: 120+ / 160+

Battery Capacity: 211 kWh / 281 kWh

Maximum Power: 523 hp

Maximum Torque: 2,325 lb-ft

Charging Power: Up to 150 kW DC (CCS1)

***BYD 6F Straight Truck offered in multiple wheelbase configurations**



BYD 6F Straight Truck (Class 6)

Industry Applications

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



BYD 8TT Tandem Axle Day Cab (Class 8)

Specifications:

GCWR: 105,000 lbs

Range: 150+ / 200+ mile working range

Battery Capacity: 422 kWh / 563 kWh

Maximum Power: 483 hp

Maximum Torque: 664 lb-ft

Charging Power: Up to 150/250 kW DC (CCS1)



BYD 8TT Tandem Axle Day Cab (Class 8)

Industry Applications

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



BYD 8Y Yard Truck (Class 8)

Specifications:

GCWR: 102,000 lbs

Range: 12+ hours working range

Battery Capacity: 217

Maximum Power: 241 hp

Maximum Torque: 1,106 lb-ft

Charging Power: 40 kW AC / 150 kW DC (CCS1)



BYD 8Y Yard Truck (Class 8)

Industry Applications:

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



BYD 8R Refuse Truck (Class 8)

Specifications:

GCWR: 66,000 lbs

Range: 60+ / 80+ hours working range

Battery Capacity: 281 kWh / 403 kWh

Maximum Power: 402 hp

Maximum Torque: 812 lb-ft

Charging Power: 150 kW DC (CCS1)



BYD 8R Refuse Truck (Class 8)

Available Body Configuration:

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

*Compatible with all major body configurations



BYD 6R Refuse Truck (Class 6)

Specifications:

GCWR: 26,000 lbs

Range: 80+ hours working range

Battery Capacity: 211 kWh

Maximum Power: 390 hp

Maximum Torque: 2,325 lb-ft

Charging Power: 150 kW DC (CCS1)



BYD 6R Refuse Truck (Class 6)

Available Body Configuration:

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



Case Study

Durkee Drayage

Vehicle Type: 2017 BYD 6F Box Truck

Operation Type: 3rd Party Box Logistics & Distribution

Duty Cycle: ~100 miles of urban and highway routing with significant grades returning with >20% SOC



Case Study

BNSF Railway

Vehicle Type: BYD 8y Yard Tractor

Operation Type: Rail Yard Container Operations

Duty Cycle: 10+ hours of operating time hauling heavy loads within intermodal rail yard, returning with 40% SOC



Case Study



GSC Logistics

Vehicle Type: BYD 8TT Tandem Axle Day Cab

Operation Type: Drayage & Container Operations

Duty Cycle: 130+ miles of highway and hills, hauling loaded shipping containers, returning with >20% SOC

“BYD has proven itself to be a great partner, and our drivers really love the electric trucks.”

**- Brandon Taylor, Director of Transportation,
GSC Logistics.**



Case Study

J&M Sanitation

Vehicle Type: BYD 8R Refuse Truck

Operation Type: Bulky Item Collection

Duty Cycle: 8+ hours of bulky item collection in Kuna, ID, with automated side-loader, returning with >30%SOC



“

*We're coming up with
new zero-emissions
technology that's
revolutionary...*

”

- Patrick Duan, BYD North America.





“

***I see a strong American workforce...
I see a family that cares about the community.***

— BYD EMPLOYEE, TRUCK ASSEMBLY

”



NYTVIP

**All BYD Electric Truck Models Are Approved and Listed
on NYTVIP Vehicle Eligibility List**

Model	Year	Class	Estimated Voucher Amount
6F	2022	Class 6 - 26,000 LB	\$ 125,000.00
8TT	2022	Class 8 - 53,165 LB	\$ 185,000.00
6R	2022	Class 6 - 26,000 LB	\$ 125,000.00
8R	2022	Class 8 - 66,000 LB	\$ 185,000.00
8Y	2022	Class 8 - 44,092 LB	\$ 138,267.20



Contact Info

Jeff Emerine

Regional Sales Manager – Northeast

Mobile: 213-309-5486

Email: jeff.emerine@byd.com

