CARGO TRUCKS · BYD CHASSIS

BYD T5 Battery-Electric Logistics Box Truck

Model BYD5040XXYBEV9 · Battery-electric box van transport for urban distribution — zero emission, no fuel consumption, suited to low-emission zones and new-energy vehicle access rules.



4.5 t	Battery electric	Lithium iron phosphate (LFP)
GROSS VEHICLE WEIGHT	POWERTRAIN TYPE	BATTERY TYPE

Vehicle Announcement Data

Model	BYD5040XXYBEV9
Product Name	Battery electric box van truck
Product Brand	BYD
Announcement Batch	Batch No. 408
Gross Vehicle Weight	4,495 kg
Rated Payload	1,050 – 1,225 kg
Kerb Weight	3,140 – 3,250 kg
Overall Dimensions	5,995 × 2,160 – 2,200 × 2,750 – 3,425 mm
Axle Load	2,020 / 2,475 kg
Max. Speed	90 km/h (speed limiter fitted)

Battery Packs & Range

82 kWh Battery Pack	260 km
100 kWh Battery Pack	300 km
132 kWh Battery Pack	400 km
151 kWh Battery Pack	420 km

Power & Energy Storage

Fuel Type	Battery electric
Powertrain Type	Battery electric, no fuel system
Drive Motor Type	Permanent-magnet synchronous motor
Drive Motor Model	TZ200XSAX
Rated / Peak Power	70 kW / 150 kW
Motor Manufacturer	Huai'an BYD Industry Co., Ltd.
Energy Storage Type	Lithium iron phosphate (LFP) battery
Battery Cell Manufacturer	Wuhan FinDreams Battery Co., Ltd.
Battery Pack Manufacturer	FinDreams Battery Co., Ltd.

Chassis Configuration

Chassis Model	BYD1040A3BEVC4
Chassis Designation	Electric cargo truck chassis
Chassis Manufacturer	BYD Auto Industry Co., Ltd.
Axles / Tyres	2 axles / 6 tyres
Wheelbase	3,360 mm
Tyre Size	7.00R16LT 10PR

Body & Cargo Box

Cargo Body Type	Box body with a sealed, non-opening roof
Cargo Body Inner Dimensions	3,850 – 4,200 × 1,900 – 2,100 × 1,700 – 2,365 mm
Body Weight	400 – 700 kg (10 variants)
Body Panel Material	Q235B steel floor; HC420/780DP front and side panels (multiple options)
Side / Rear Guards	Bolted on; rear under-run guard 40 × 110 mm or 40 × 100 mm
ABS System	CM4XL-4S/4M, CM-EBS (Guangzhou Ruili Kemi); BSC-T (FinDreams Powertrain)
Hydraulic Tail Lift	Optional; stowed horizontal length 280 mm, tail-lift weight 350 kg
Optional Configuration	Direct-supply ETC unit; tail lift, air / hydraulic brakes, lighting options

Key specifications only — the complete technical package carries every announcement parameter, the export document list and conformity information.

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