CHENGLI
SPECIAL AUTOMOBILE

BYD5040XLCHEV41
Chengli Special Automobile Co., Ltd.
Suizhou, Hubei, China

REFRIGERATED TRUCKS · BYD CHASSIS

BYD T5 Plug-in Hybrid Refrigerated Truck

Model BYD5040XLCHEV41 · Plug-in range-extended hybrid refrigeration for urban and medium-distance cold-chain delivery — external charging, dual electric / range-extender operation.



4.5 t	Plug-in range-extended hybrid	Lithium iron phosphate (LFP)
GROSS VEHICLE WEIGHT	POWERTRAIN TYPE	BATTERY TYPE

Vehicle Announcement Data

Model	BYD5040XLCHEV41
Product Name	Plug-in range-extended hybrid refrigerated truck
Product Brand	BYD
Announcement Batch	Batch No. 407
Gross Vehicle Weight	4,495 kg
Rated Payload	915 / 850 / 685 / 635 / 620 / 585 / 570 / 520 kg
Kerb Weight	3,450 / 3,680 / 3,730 / 3,780 kg
Overall Dimensions	5,995 × 2,060 – 2,260 × 2,850 – 3,575 mm
Cargo Body Dimensions	3,850 – 4,200 × 1,900 – 2,100 × 1,700 – 2,425 mm
Max. Speed	100 km/h

Versions & Range

Drive Configuration	4×2
Driving Range	Approx. 150 km electric-only; approx. 1,000 km with a full battery and a full tank
Battery Capacity	55.3 kWh
Charging Method	DC fast charging

Power & Energy Storage

Fuel Type	Petrol / electric hybrid
Powertrain Type	Plug-in range-extended hybrid, external charging supported
Drive Motor Type	Permanent-magnet synchronous motor
Drive Motor Model	TZ200XSY
Rated / Peak Power	70 kW / 150 kW
Motor Manufacturer	FinDreams Powertrain Co., Ltd. Changsha Branch
Energy Storage Type	Lithium iron phosphate (LFP) battery
Battery Cell / Pack Maker	Taizhou FinDreams Battery / FinDreams Battery

Chassis Configuration

Chassis Model	BYD1040A3HEV4C1
Chassis Designation	Plug-in range-extended hybrid 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	Refrigerated body with a sealed, non-opening roof
Cargo Body Inner Dimensions	3,850 – 4,200 × 1,900 – 2,100 × 1,700 – 2,425 mm
Body Weight	1,000 / 900 / 800 kg
Hydraulic Tail Lift	Optional; stowed horizontal length 280 mm, tail-lift weight 350 kg
Standard Configuration	Single-row cab (2/3 persons), Blade Battery with 2C fast charging, front disc / rear drum brakes, EPB / ESC / AVH / HHC / TCS / EBD, CCS cruise control, ACC / FCW / AEB / LDW, 10.1-inch DiLink touchscreen, reversing camera and radar, no spare tyre

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

www.clgroupspv.com info@clgroupspv.com | Tel / WhatsApp +86 138 7288 6602