

SANY[®]

QUALITY CHANGES THE WORLD

HEV DUMP TRUCK

TA15 SYZ420C-8HEV

MINING/URBAN CONSTRUCTION



Superior Power

Dual-engine (engine + electric motor) hybrid drive delivers a 10% boost in power response, ensuring smoother performance in start-up, overtaking, and uphill driving scenarios.

Fuel efficiency & safety

With electric motor assistance, the engine operates in the high-efficiency range, achieving a fuel savings rate of 10-15%. It also features an energy recovery system, which, combined with cylinder deactivation braking, enhances driving safety.

Electric Vehicle Driving Experience

When you park the truck for queuing or resting, the electric air conditioner can still work normally without the engine starting.

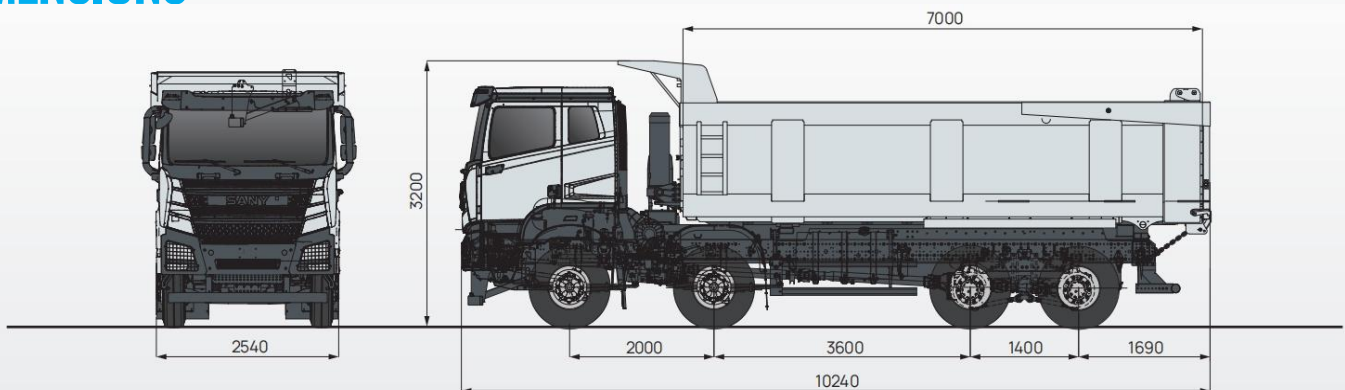
No range anxiety & low investment

The hybrid dump truck requires no charging, eliminating the need for charging equipment investment.

TECHNICAL SPECIFICATIONS

VEHICLE	
GVW	≤55t
Curb weight	18000
Maximum speed	≤90km/h
Rated/Max power of vehicle	348/385kW
Rated/Max torque of vehicle	2150/2400N·m
CAB	
Model	329
Rudder direction	Left
Cab lift	Electric + Manual
Driver's seat	Airbag shock absorber
ENGINE	
Model	D09C3-360E3
Displacement	8709mL
Rated power	265kW/1900rpm
Maximum torque/ Engine speed	1650N·m/1000~1500rpm
Emission standard	Euro III
GEAR BOX	
Model	FAST 12JSDX240TA
Hydraulic retarder	-
MOTOR	
Rated/Max power	83/120kW
Rated/Max torque	500/1000N·m
BATTERY	
Type	LFP-BYD
Capacity	17.3kWh
CHASSIS	
Front axle	2×7.5t
Rear axle	2×16t
Numbers of leaf spring	10/10/12
Tire	315/80 R22.5
	10+1 (Including spare tire)
CARGO BOX	
	20m ³
Specification	U shape
	7000×2300×1300
	Bottom 10 side 7 NM450
Optional	Diamond white/Sky ocean blue/Fire engine red

DIMENSIONS



Reminder:

Any change in the technical parameters and configuration due to product modification or upgrade may occur without prior notice. The machine in the picture may include additional equipment. This brochure is for reference only, and goods in kind shall prevail.

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