



## NEW ENERGY WASHING AND SWEEPING TRUCK JBY5030TXSBEV

### • Introduction:

New energy washing and sweeping truck JBY5030TXSBEV is a small pure electric washing truck newly upgraded by our company after in-depth market research. The car adopts washing mode and is equipped with lithium iron phosphate battery, which can make up for the inconvenience of large sweeper entering the washing area. It is suitable for quick washing and cleaning of non-motorized lanes, back streets and alleys, airports, universities, parks, property and other pavement. It has many functions such as pavement washing, super pavement washing, stone facade washing along the road, garbage and sewage recovery, high pressure washing and so on. In addition, the sweeper is equipped with two modes of high and low pressure. According to the road cleanliness, high pressure operation and low pressure operation can be selected to effectively improve the battery life. The sweeper is equipped with independent fast charging, which can dock with national standard charging pile and charge 100% in 1 hour. Can realize all-weather operation. It is a new type of washing and sweeping truck that changes from dry to wet, without replacing the filter element. Compared with the traditional small road sweeper, it has the advantages of high cleaning efficiency, good effect and no dust.



### • Product Images



**HEAD OFFICE:** First Floor, Building No. 62, Nice Plaza, Canning Road,  
Saddar Cantt, Rawalpindi. **Tell: 051-5529184, 051-8316139 & 41**

#### **Karachi Plant:**

PSFCL, Pakistan Steel Mill, Bin Qasim, Karachi, Pakistan  
Tell: 051-35306403, Fax: 051-35306403

#### **Islamabad Plant:**

Chungi No. 26, Peshawar Road, Motorway Chowk, Islamabad.  
Tell: 051-5529184, Fax: 051-5562742



• **Product Parameters:**

Items	Units	Spec.
Passengers	Person	2
Wheelbase		3200
Max. Weight		2695
Curb Weight	kg	2479
Max. Speed	km/h	80
Driving Range	km	320
Battery Type		Lithium Iron Phosphate
Battery Volume	Kwh	46.5
Front Suspension		McPherson Independent
Rear Suspension		Non Independent Leaf Spring
Steering Gear		Recirculating Ball
Steering Assist		Electric
Brake System		Dual Circuit Hydraulic
Front Brake		Disc Type
Rear Brake		Drum Type
Parking Brake		Mechanical, acting on the rear axle
Tyre		175R14LT 8PR
Motor Type		Permanent magnet synchronous motor
Motor Cooling		Water Cooling

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Rated Driving Power	kW	30
Max. Driving Power		60
Sweep Width	m	2.3
Clean Capacity	m <sup>2</sup> /h	20000
Water Tank Volume	L	1500
Garbage Hopper	L	1200
Single Tank water Operation Time	min	High/Low voltage mode, 40-70
Battery Capacity	h	6-7
Charging Time	h	1 hour, linking with national standard charging stations
Clean Methods	Middle suction cup negative pressure vacuum cleaning+middle two disc brush cleaning+handheld high-pressure gun cleaning	
Dumping Methods	Hopper adopts hydraulic self-dumping and is equipped with a separate sewage discharge outlet	
Air-Conditioning	/	Cold and warm air conditioning
Internet Link system	It can be equipped with an Internet Link system and is compatible with various smart environmental sanitation big data operation and maintenance platforms (Optional)	
Overall Size	mm	5150*2250*2200

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- **Product Advantages:**

- The water tank and garbage bin are made of corrosion-resistant stainless steel.
- The washing and sweeping device has automatic obstacle avoidance protection function and automatic reset function.
- The control switch is centrally installed in the driver's cab, and all electronic control operations can be completed in the cab equipped with air conditioning.
- When the entire vehicle is transported to another site, it has good pass ability, strong suction, and good dust suppression effect.
- The entire vehicle is electrically controlled and hydraulically operated, equipped with a large suction fan, with strong cleanliness and low overall operating sound.
- The entire vehicle is pure electric, economical and environmentally friendly, in line with the national policy of developing new energy vehicles.
- This product combines the advantages of a dedicated chassis overall structure, a combination of sweeping, washing, and suction, a hydraulic self-unloading system, a "3D" water washing three in one box, and a 360 ° omnidirectional high-definition intelligent monitoring camera.
- The pressure of the high-pressure cleaning system is adjustable, and the flushing pressure can be adjusted at any time according to the cleanliness of the road surface, effectively saving electricity.
- Equipped with an optional vehicle networking control system, it can monitor the vehicle's operation trajectory, operation time, operation effect, electricity level, and other real-time features.

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