



Product Recommendations

QJM5210XDY power supply vehicle
(Dongfeng, 500KW power generation vehicle)

Qingdao SOAR Automobile Co., Ltd



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Qingsuo QJM5 2 10XDY power supply vehicle



ONE Vehicle Introduction

The emergency power supply vehicle is suitable for all-weather outdoor operations. The vehicle is equipped with a generator set, cable reel, and folding and lifting lighting system, which can well meet the needs of outdoor operations and emergency power supply. It is suitable for various important places with high power supply requirements such as power accident repair, emergency power generation, civil disaster relief or large-scale public activities.

Main features of the product:

1. be configured according to customer needs: Cummins, Volvo, Carter, MTU and other well-known brands. The generator can be configured according to customer needs: Stanford, Marathon, Leroy-Somer and other well-known brands.
2. Strong emergency and mobility capabilities, able to work outdoors;
3. It can withstand unique environments such as extreme cold, high altitude, high corrosion, and high humidity.
4. Composite material compartment and double-layer design make the whole vehicle quieter;
5. The power generation compartment has excellent thermal insulation and strong cold start capability.



6. The carriage structure is made of fire-retardant materials, and the muffler structure avoids the possibility of concentrated fire .
7. It has the function of grid connection and parallel operation.
8. The split fuel tank is equipped with a standard refueling port , which allows uninterrupted refueling during operation . The fuel tank can be fully loaded for 8 hours .
9. 10.5kV voltage output, with the power supply vehicle as the center, the power supply radiates within a range of 10 kilometers .
10. It can realize single-unit island operation power supply, single-unit parallel operation and grid-connected operation power supply, and primary and secondary grid-connected power supply functions without users feeling the power outage of the city grid; it can realize power supply for up to 32 units of parallel island operation, 32 units of parallel and grid-connected operation power supply, and primary and secondary grid-connected power supply functions without users feeling the power outage of the city grid, solving the problem that a single power supply vehicle cannot bear the load of the entire line due to large power load .



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TWO Vehicle technical parameters

Product Trademark	Qingsuo	Announcement batch	3 78
Product Name	Power Cart	Product Model	QJM5 2 10XDY
Total mass(Kg)	21490		
Dimensions (mm)	9890,10240,10640 ×2520×3860, 3970		
Curb weight(Kg)	21360, 21295		
Rated passenger capacity (persons)	2, 3 (front row)		
Approach angle/departure angle (°)	13/11,13/12,13/10	Front overhang/rear overhang(mm)	1525/2665,1525/2565,1525/2965
Axle load(Kg)	5110/16380	Maximum speed (Km/h)	89
Remark	<p>1. The top of the vehicle is closed and cannot be opened. The special devices are: generator set, cable reel, etc., which are mainly used for emergency power supply;</p> <p>2. The side protection is a crossbar structure, and the rear protection is a skirt structure. The material is Q235B. The side and rear protection are welded to the body. The rear protection is 480mm above the ground; 3. ABS model/manufacturer: 3631010-C2000/Dongkok Nor Commercial Vehicle Braking System (+ Weir) Co., Ltd.: DD75E260-60 engine net power is 185kW, DDi75E300-60 engine net power is 215kW, DDi75E340-60 engine net power is 245kW; 4 The vehicle can be optionally equipped with The folding and lifting lighting system can be equipped with optional shutters on both sides, and the control room can be equipped with an optional observation window; the folding and lifting lighting system is only used for lighting in the parking state and cannot be opened when the vehicle is driving; 5 The vehicle can choose a chassis with a wheelbase of 4800+1350mm and a wheelbase of 4350mm: the corresponding relationship of vehicle length (mm)/wheelbase (mm)/rear overhang (mm)/departure angle (°) is: 9890/4350+1350/2665/11, 10240/4800+1350/2565/1210640/4800+1350/2965/10; 6 Optional direct power supply ETC vehicle-mounted device; 7. Optional cab front face appearance with chassis</p>		



THREE 500KW Vehicle Configuration Table

Serial number	Configuration Name	500KW technical parameters	unit	quantity	Remark
1	Dongfeng chassis	DFH1250 AX7 Category II Chassis Engine DDi75E260-60 185kW, Engine DDi75E300-60 215kW, Engine DDi75E340-60 245kW	Vehicle	1	
2	Unit engine	Main power 500KW Cummins QSK19-G4	tower	1	
3	Generator	Stanford S5L1D-F41	individual	1	
4	Control System	Comai IG200	set	1	Can be connected to the grid
5	Electric circuit breaker	ABB T7 1250A 3p electric operation, under-voltage tripping function	individual	1	
7	Silent box	7600*2500*2490, two-way quick-plug output: quick-plug + copper busbar	set	1	Including doors, windows, interior decoration, painting
8	Hydraulic outriggers	90/63-460	root	4	Complete hydraulic system
9	Cable reel	Hydraulic cable reel, double-layer four-roll one-unit, can wind 8 flexible cables with a diameter not exceeding 32mm, 50m, including plug position	set	1	
10	Split air conditioner	1.5HP	tower	1	
11	Lifting lighting	1.8m, 150W*2	set	1	
12	Board socket (plug)	185mm ²	set	8	Nabaichuan



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13	Output cable	Single core 185mm ² cable, 50m/piece, one end is quick-connect, the other end is copper terminal	root	8	Qingdao Hancable YC-450/750 V 1*185
14	In-car cables	Single core 185mm ² cable, 6.3m/piece, copper terminals at both ends	root	8	
15	Automatic retractable ground wire reel	Length 25 meters, 25mm ² + steel chisel	set	1	
16	Vehicle Tools	1 warning sign, 2 reflective vests, 4 outrigger pads, 4 tire pads	set	1	
17	Electrical System	Vehicle wiring harness, switches and lamps	set	1	
18	Vehicle painting and exterior logo	Engineering yellow, reflective logo, vehicle logo	set	1	



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FOUR Product reference pictures



选装两侧带百叶窗



选装不带观察窗



选装带侧灯和雾灯



选装不带折叠升降照明系统





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