



G2系列3-4.5吨站式锂电池牵引车将合力家族化造型设计语言应用到前罩壳的设计。

G2 series 3-4.5 ton stand-on lithium battery tractor applies HELI family design language to front cover.



HELI

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G2系列3-4.5吨站式锂电池牵引车
 G2 series 3-4.5 ton stand-on lithium battery tractor

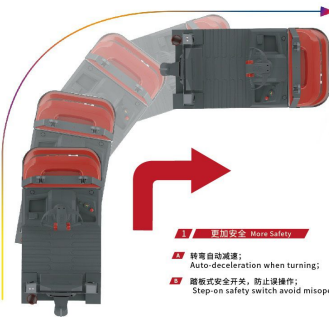


G2系列3-4.5吨站式锂电池牵引车是区域物流领域的重要设备，主要用于汽车制造企业，汽车零部件生产企业及大型工业企业内部的物料转运。

G2 series 3-4.5 ton stand-on lithium battery tractor is an important equipment in the field of regional logistics. It is mainly used for material transportation in car industry, parts manufacturing and large logistics industry.

流畅跃动的车身棱线将各个部件衔接，使整车造型整体感强，同时车身形面变化丰富。

Components are connected by sleek body ridge lines, which brings strong overall modeling and abundant surface changes to the tractor.



配置表 Configuration table		
标准车型号 Standard model	QTD305-L3G2Li	QTD455-L3G2Li
电控 Controller	进口交流控制器 Imported AC controller	
驱动电机 Motor	30kW 交流电机 30kW AC motor	
转向电机 Steering Motor	0.6kW 交流电机 0.6kW AC motor	
驾驶室 Cabin	合力全新多座椅 Heli four-seat cabin	
仪表盘 Instrument	多功能液晶仪表 Multi-function LCD instrument	
操纵手柄 Control Handle	合力定制操纵手柄 Heli customized control handle	
可选项 Optional	高亮度LED照明灯,亮度可调 High-brightness LED illumination, adjustable performance	
蓄电池容量 Battery capacity	锂电池40V/120Ah Lithium battery 40V/120Ah	
充电 Charging	快充式充电机 Fast-charging device	
充电接口 Charging interface	快充式充电接口 Fast-charging interface	
可选项 Optional	1) 前大灯 Headlight 2) LED转向灯 LED turn warning light 3) LED转向灯 LED turn warning light	

锂电池优势

Lithium battery advantages



1 绿色环保 Environment Friendliness

- 零排放
Zero emission
- 低噪音
Low noise
- 不含重金属
Free of heavy metals
- 无漏液腐蚀
No leakage corrosion
- 无酸雾挥发
No acid mist volatilization
- No corrosion
- No acid mist volatilization

2 免维护 Maintenance Free

- 无需补液,防尘
No need for liquid addition and dust proofing
- 全日保养
Daily maintenance free
- 免人工保养
Manual maintenance free

3 使用寿命长 Long service life

- 循环使用4000次容量保持75%以上
Over 75% capacity reserved after 4000 shifts operation
- 同等应用场合,寿命远胜铅酸电池
Longer service life than lead-acid battery in equal working condition
- 高性能锂电池总成5年或1万小时超长质保
5 years or ten thousand hours quality guarantee for high performance lithium battery assembly

4 高效节能 High Efficiency and Energy saving

- 2小时充电可满足6-8小时作业使用
High-energy density, self-discharging rate lower than 1% per month
- 95%能量转换率,能源转换更高效
95% energy conversion rate, superior charging and discharging performance
- 可随时充电,操作简单,对电池寿命无任何影响
Flexible to charge, easy to operate, no impact on battery life
- 电池无需更换,节省成本
Unnecessary to change battery, cost saving

5 适合低温工作 Suitable for working in both high and low environment

- 25℃-55℃之间宽低温工作环境,锂电池较铅酸均具有良好性能
Lithium battery is better than lead-acid battery when working between -25℃ and 55℃

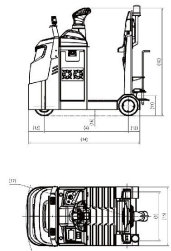
人体工学设计

Ergonomic design



技术参数表

Technical Data



序号 Serial number	型号 Model	单位 Unit	QTD305-L3G2Li	QTD455-L3G2Li
1	驱动方式 Driving type		站驾式 Station type	
2	额定牵引质量 Rated traction weight	kg	3000	4500
3	额定牵引力 Rated traction force	N		1250
4	轴距 Wheelbase	mm		1060
5	重量 Weight	kg	830	880
6	空载/满载/自重 No load/Full load/Weight	kg	500/133	550/130
7	最小离地间隙 Tip floor wheel	mm	104/65	
8	最小离地间隙 Tip floor wheel	mm	104/65	
9	前轮轴径 Front axle	mm	630	
10	后轮轴径 Rear axle	mm	1250	
11	最小转弯半径 Minimum turning radius	mm	260/360	
12	轴距 Wheelbase	mm	148	
13	前悬 Front overhang	mm	281	
14	后悬 Rear overhang	mm	1430	
15	全宽 Full width	mm	754	
16	最小离地间隙 Minimum ground clearance	mm	80	
17	最小转弯半径 Minimum turning radius	mm	1250	
18	行驶速度 Driving speed	km/h	7/8	5/8
19	爬坡能力 Climbing ability	%	5/10	4/10
20	可爬坡度 Climbing ability		性能符合国家标准	
21	驻车制动 Parking brake		电制动	
22	驱动电机功率 Driving motor power	kW	3	
23	转向电机功率 Steering motor power	kW	0.6	
24	额定电压/容量 Rated voltage / Capacity	V/kWh	锂电池40V/120	
	蓄电池重量 Battery weight	kg	100	