

HELI

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

HELI

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辅助功能 Accessibility



1 更加安全 More Safety

A 转弯自动减速；
Auto-deceleration when turning;

B 踏板式安全开关，防止误操作；
Step-on safety switch avoid misoperation;

可以选配刷卡器或者密码开锁装置，
无选配时可做储物功能。

Optional card reader or password unlocking device, no optional storage function.



2 丰富的储物空间 Abound Storage Space A B C D

方便驾驶人员；Convenient for operator;
提高工作效率；Improve work efficiency





人体工学设计 Ergonomic design



1 短手柄 Short Handle

转向灵活方便；Provide flexible and convenient steering.



2 可调的靠背 Adjustable Backrest

调节行程：0-150mm；Stroke：0-150mm;
提高驾驶舒适性；Improve driving comfort;
满足不同身高的驾驶需求；Meet driving needs of different heights;

合力G2系列3-4.5吨站式锂电池牵引车





配置表 Configuration table

标准车型型号 Standard model	QYD30S-L3G2Li	QYD45S-L3G2Li
电控 Controller	进口交流控制器 Imported AC controller	
驱动电机 motor	3kW交流电机 3kW AC motor	
转向电机 Steering motor	0.6kW 交流电机 0.6kW AC motor	
变速箱 Gearbox	合力自制变速箱 Heli homemade gearbox	
仪表 meter	多功能液晶仪表 Multi-function LCD instrument	
操纵手柄 Control handle	合力自制操纵手柄 Heli homemade control handle	
制动器 Brake	高强度电磁制动器，性能可靠 High-strength electromagnetic brake for reliable performance	
蓄电池容量 Battery capacity	锂电池48V/120Ah Lithium battery 48V/120Ah	
轮胎 Tire	橡胶实心胎 Rubber solid tire	
电池更换方式 Battery charging method	蓄电池侧向拉出 Pull out the side of the battery	
可选配置 Optional	1) 前大灯 Headlights 2) LED闪光警示灯 LED flashing warning light 3) LED旋转式警示灯 LED rotating warning light 4) 聚氨酯实心胎 Polyurethane solid tire 5) 锂电池48V/202Ah Lithium battery 48V/202Ah	

锂电池优势 Lithium battery advantages



1 绿色环保 Environment Friendliness

- 零排放 Zero emmission
- 低噪音 Low noise
- 不含重金属 Free of heavy metals
- 无滴漏腐蚀 No corrosion
- 无酸雾挥发 No acid mist volatilization

2 免维护 Maintenance Free

- 无需补液，防尘 Unnecessary of fluid adding and dust proofing
- 免日常维护 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，寿命远超铅酸电池 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

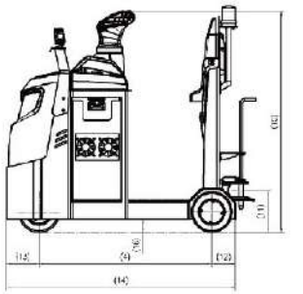
4 高效节能 High Efficiency and Energy saving

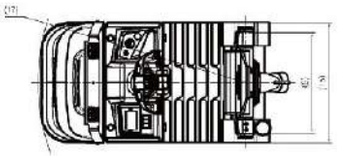
- 2小时充电可满足6-8小时作业使用 高能量密度，自放电率1%月下，充放电性能优越 2 hours charging meet 6-8 hours working demand High-energy density，self discharging rate lower than 1% per month
- 95%能量转换率，能源转换更高效 95% energy comversion rate, superior charging and discharging performance
- 可随时充电，操作简单，对电池寿命无任何影响 Flexible to charge,easy to operate,no impact on battery life
- 电池无需更换，节省成本 Unecessary to change battery,cost saving

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

- 在-25℃-55℃之间高低温工作环境，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℃and55℃

技术参数表 Technical Data





序号 Serial number	型号 model	单位 unit	QYD30S-L3G2Li	QYD45S-L3G2Li
1	驾驶方式 Driving style		站驾式 Station type	
2	额定牵引重量 Rated traction weight	Kg	3000	4500
3	额定牵引力 Rated traction	N	1250	
4	轴距 Wheel base	mm	1080	
5	重量 weight	Kg	830	880
6	空载桥负荷 前/后 No-load bridge load before/after	Kg	500/330	550/330
7	轮胎 (前轮) Tire (front wheel)		10x4x6.5	
8	轮胎 (后轮) Tire (rear wheel)		10x5x6.5	
9	后轮距 Rear track	mm	630	
10	全高 Full height	mm	1350	
11	牵引挂钩高度 Traction hook height	mm	260/360	
12	后悬 After hanging	mm	148	
13	前悬 Front overhang	mm	201	
14	全长 full length	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，满载/空载 Driving speed, full load / no load	Km/h	7/8	6/8
19	爬坡能力，满载/空载 Climbing ability, full load / no load	%	5/10	4/10
20	行驶制动 Travel brake		电制动和电磁制动	
21	停车制动 Parking brake		电磁制动	
22	驱动电机功率 Drive motor power	kW	3	
23	转向电机功率 Steering motor power	kW	0.6	
24	蓄电池电压/容量 Battery voltage / capacity	V/Ah	锂电池48/120	
	蓄电池重量 Battery weight	Kg	100	







A 银-合力红-灰



B 合力红-灰

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 largre 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。

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

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.