HELI合力

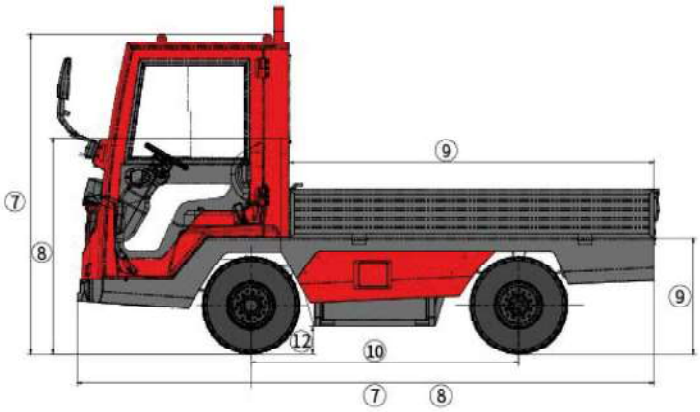
2-10 t

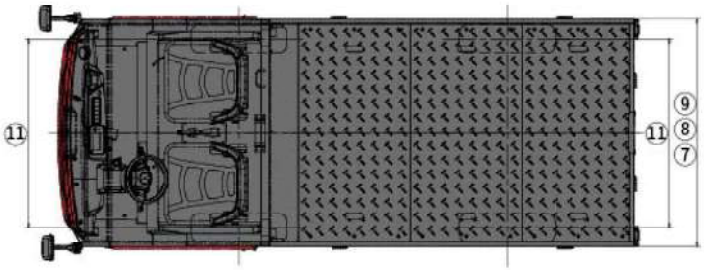
G2Series Lithium Battery
Platform Truck



www.carretillasheli.com

G2 系列/ SERIES 2-10t





充电机技术 Charger technology



- **High Efficiency:** Charging efficiency higher than 95% meeting the requirements of energy saving and emissions reduction.
- **Speediness:** 100% charging realized in 2 hours at the soonest.
- **Compatibility:** 48 v / 80 v compatibility meeting the demand of different voltage levels.
- **Safety:** Built-in mis-connecting protection offering self isolating function under fault.
- **Conveniency:** Perfect fault self checking alarm facilitating users maintenance.

智能仪表 Smart meter





能量再生技术 RENEWABLE ENERGY TECHNOLOGIES

With AC type energy regeneration technology,
the working hour of single battery shift is 15% increased.

15%

G2 SERIES 2-10 t



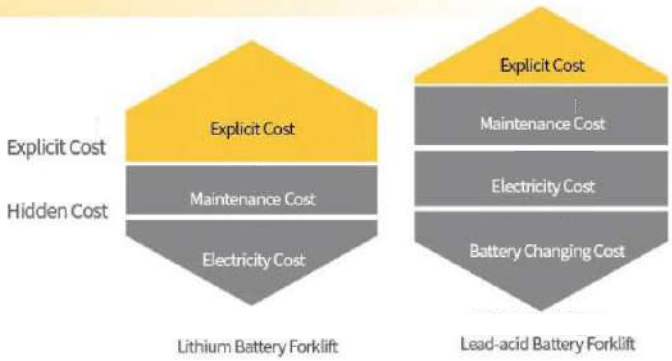
Brief Introduction

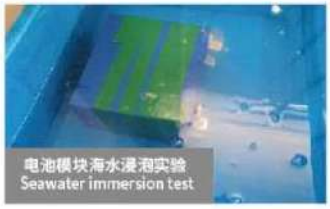
As the newly designed environmentally friendly tractor machines, HELI G2 Series Lithium Battery Platform Truck has the unique profiling, ergonomically and aesthetic philosophy combination for operator comfort and ease of use, maintenance convenience.

This machine is powered by Lithium battery, with AC control system to supply the stepless accelerating, high efficiency, reliable quality, comfortable operation, and strong power.

锂电池优势 Operating Cost Comparison

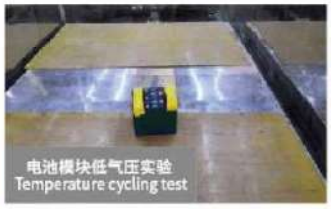
- The superiority of HELI lithium battery forklift truck is embodied in the use-cost within product lifecycle. Compared with lead-acid battery forklift truck, lithium battery forklift truck is more convenient for multiple working shifts. It has lower implicit cost and more economical total running cost.

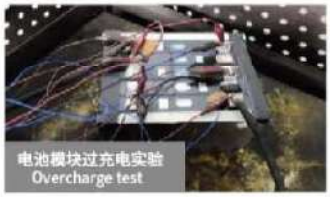
















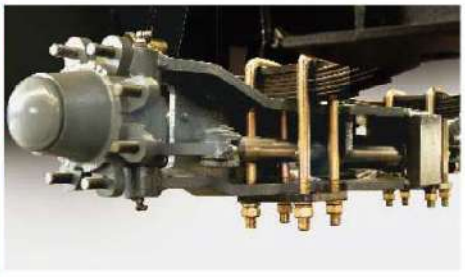


- The truck selects mature and economical square iron phosphate lithium battery core and module used by large numbers of commercial vehicles;
- The module adopts aluminum alloy plate frame, which is firm, light in weight and has good heat dissipation effect;
- Fast charging: fast charging makes truck gapless operation possible, and it can be filled in 2 hours;
- High efficiency and safety: The charging and discharging efficiency is up to 98%, and temperature of thermal runaway is over 600 °C;
- Low temperature adaptability: Standard configuration of heating function ensures normal operation of low temperature environment;
- Long service life: the normal charging and discharging cycles is more than 3000 times or 5 years, and capacity retention rate is more than 75%;
- Maintenance free: the battery does not need manual maintenance and does not need to add distilled water electrolyte;
- Green and clean: no pollution and zero emission.

驱动系统 Drive system

- Special drive axle for electric machines with low noise, non-pollution, stable running, perfect sealing, and also with enough ground clearance for good trafficability.
- Large gear ratio, powerful traction, strong gradeability, perfect performance, suitable for complex operating condition.





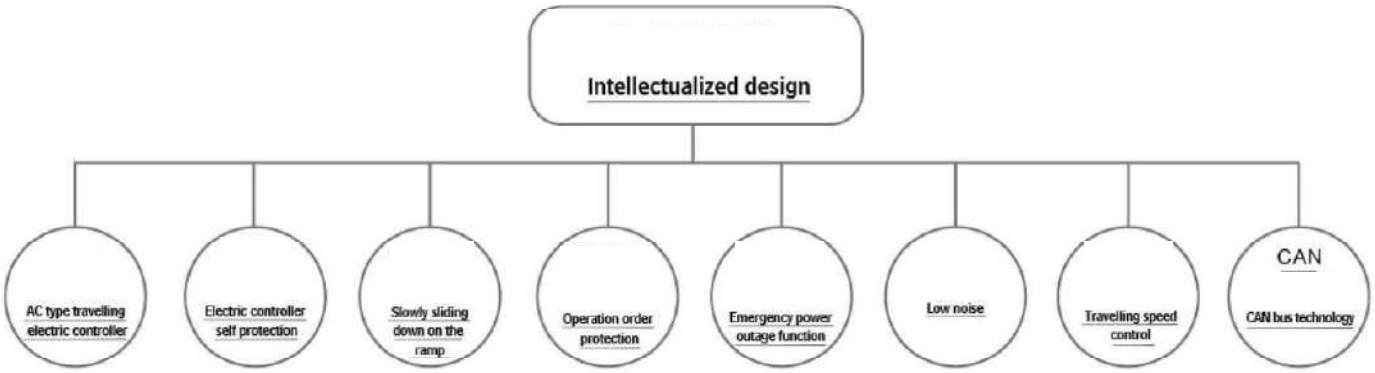


转向系统 Steering system

- With fully-hydraulic Transverse cylinder power steering , easily steering, and long working life.
- Front and rear suspension are with elastic connection for more comfort.

更加优越的智能化设计 Superior intellectualized design

- Superior intellectualized designs not only ensure operator and truck safety but also improve working efficiency, reduce energy consumption.



操纵系统 Operating system

- Comfortable brake/accelerating pedal position with light stepping strength, fully meeting ergonomically demands.
- With front-rear adjustable steering wheel to satisfy different height drivers.
- With excellent cold-brake efficiency, enough brake force, fully meet the parking and driving brake standard.



Optional: Cab



技术参数 Technical Parameters

			Unit	BD20-J2G2Li	BD20-A8LiG2	BD30-J2G2Li	BD30-A8LiG2	BD40-J2G2Li	BD50-J2G2Li	BD80-A2LiG2	BD100-A2LiG2
1	Model										
2	Driving mode			Seated							
3	Load capacity		t	2		3		4	5	8	10
4	Weight		kg	1405/1200				1700/1400	1980/1680	3245/2930	3500/3185
5	Front-rear tires load without load		kg	650/550				750/650	800/880	1480/1450	1635/1550
6	Tyre	Type		Pneumatic tires							
		Front tire		6.50-10-10PR				7.00-12-12PR		7.00-12-12PR	
		Rear tire		6.50-10-10PR				7.00-12-12PR		2-7.00-12-12PR	
7	(With cab)Truck dimension(length*width*height)		mm	3540x1400x1965				3900x1500x2100	4500x1500x2100	4900x1880x2100	5300x1880x2100
8	(without cab) Truck dimension(length*width*height)		mm	3540x1400x1330				3900x1500x1500	4500x1500x1500	4900x1800x1500	5300x1800x1500
9	Platform size(length*width*height)		mm	2240x1400x680				2600x1500x850	3200x1500x850	3600x1800x850	4000x1800x850
10	Wheelbase		mm	1650				1810	2100	2500	2900
11	Tread	Front tire	mm	1160				1250		1600	
		Rear tire	mm	1160				1250		1350	
12	Min.Ground clearance		mm	130				120		170	
13	Min turning radius		mm	3100				4400	4800	4300	4750
14	Driving speed (with/without load)		km/h	12/16				12/15		9/14	8/14
15	Gradeability(with load)		%	10		10		10	8	10	10
16	Driving brake			Hydraulic brake and electric brake							
17	Traction base height			Mechanical							
18	Driving mode			Rear Drive							
19	Drive motor rated power		kW	4		5		6		11	
20	Steering motor		kW	1.35						10	
21	Battery		V/Ah	48/202 PENGCHENG)	48/150 HEDING)	48/202 PENGCHENG)	48/150 HEDING)	80/173 PENGCHENG)		80/228 PENGCHENG)	
22	Remarks				-		-				

标准配置 Standard configuration	选用配置 Optional configuration		锂电池选项 Lithium battery options
Intelligent LCD screen	Cabin	Environmentally friendly solid tire	48V/202Ah(HEDING)
Suspension bridge with front and rear suspension	Closed container	Traction pin seat	
Pneumatic	Solid tire	Led warning light	
Hydraulic steering	Customized painting		80V/202Ah(HEDING)
Lithium battery	Platform guard bar		
LED lamps	Non standard table size		

*Las especificaciones y equipamientos están sujetos a cambios sin previo aviso.

HELI

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