Configurations		
Configurations		
	Steering speed limit	•
	Reverse handle with horn	•
	OPS	•
	Safety protecting function of multiway valve overload	•
	Reverse buzzer	•
	Upper buffering	•
	Central wide-angle rearview mirror	•
Fau anfah.	Rearview mirrors on two sides	0
For safety	Front protective net	0
	Seat with safety belt	0
	Dry powder fire extinguisher (0.5kg)	0
	Dry powder fire extinguisher (2kg)	0
	Reverse Chinese voice speaker	0
	Reversing parking sensor (4 probes)	0
	Reversing image(1 camera+ 4 probes)	0
	Semi-enclosed seat	
	USB (5V/1A)	
	Steering with steering wheel start	
	Mechanical operation valve	
For driving	Colorful instrument	
comfort	Full suspension seat	0
	Electromagnetic operated valve	0
	Fan	0
	Heater	0
	Panel mounted cab	0
	Front windshield	-
For cab/windshield	Rear windshield	0
. 5. 502,		0
	Top windshield	0
	LED lights	•
	LED flickering warning lights	•
	LED rear working light	0
For lighting	LED red/blue rear working light	0
	Red/blue strip lights on rear and bilateral sides	0
	LED rotating warning light	0
	LED rotating and beep warning light	0
	Metric thread	•
	Solid tyre	•
Others	Solid tyre without travelling marking	0
	Sleeve for tilting cylinder	0
	FCIS	•

Note: "●" standard; "○" optional;

ANHUI HELI CO., LTD.

Add / No.668, FangXing Road, Hefei, China

Tel / +86-551-63639068(America); 63639258(Europe); 63639358(Asia); 63662105(Africa & Middle East)



















APPEARANCE

Sheet metal stamping type side cover, side door

The appearance is grand and the colors are beautiful; The performance is excellent.



The truck provides users with the best comfortable driving experience. The truck adopts advanced energy-saving technologies for a greener and more environmentally friendly environment

> Wide view mast Optimized mast improves lateral stability.

> > Mobile phone and water cup holder offer convenient storage.

Optimized mast improves lateral stability.

The steering wheel is sensitive, lightweight, precise, and power-saving when starting and turning.

The steering wheel is optimized with height reduction And structure improving; Adjustable angle; Comfortable operation

Color screen instrument

PES third gear adjustment

Powerful

Economical Energy-saving

Multi performance modes satisfy the needs of various working conditions.





16km/h



20%



0.45m/s





FRONT WHEEL DUAL DRIVE **MOTORS PROVIDE MORE POWER**



Strong performance: The truck is equipped with ZF dual motor drive unit.



The truck has small turning radius and good passability.



LITHIUM BATTERY POWERED G3 series 1.5-2 t

TABLE AND RELIABLE

The product is designed with the concept of stability and reliability, and has undergone multiple rigorous tests and verifications.





and reliable.





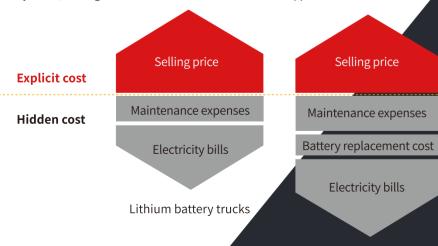
The entire truck and its components meet the latest CE & UKCA requirements.

Lead-acid battery trucks

OPERATING COSTS:

Lithium battery forklift truck **VS** Lead-acid battery forklift truck **VS** internal combustion forklift truck

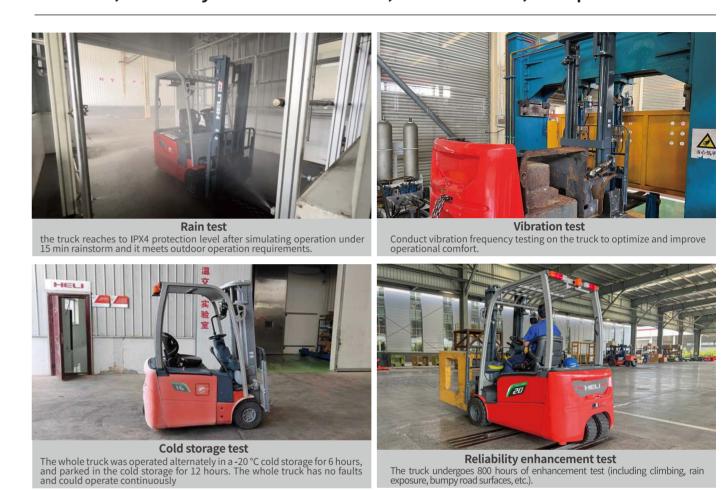
The superiority of Heli lithium battery forklift is more prominent in its cost of use throughout its lifecycle. Compared with lead-acid battery truck and internal combustion truck, lithium battery truck are more cost-effective due to their maintenance free and high energy conversion rates. Compared to internal combustion trucks, lithium battery trucks have advantages such as no noise, no pollution, low vibration, and simple operation. Lithium battery trucks have the characteristics of fast charging and on-demand charging compared to lead-acid battery trucks, making them more suitable for multi shift work applications.





STRICT TEST

Rain test, reliability enhancement test, vibration test, bumps test



FAST CHARGING AND ULTRA LONG BATTERY LIFE

- The truck is standard equipped with 202Ah lithium battery which has ultra long battery life.
- The battery satisfies uninterrupted operation during all day.
- The 2t truck model can be equipped with a maximum optional 404Ah lithium battery.



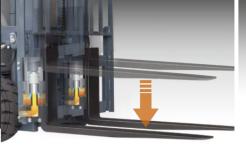
INTELLIGENT SAFETY

The product is designed with intelligent security as its core and has multiple advanced security technologies.

- Electric brake and wet type brake offer dual protections.
- Intelligent differential speed of left and right motors
- Hydraulic pipeline anti-burst protection, forward tilt self-locking protection
- Electrical multiple protection: dual wire system, short circuit protection, overheating protection, low battery protection, sequential protection
- Parking safety reminder
- Slope sliding reminder
- Reverse handle with horn







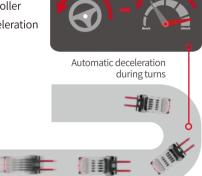


The integrated card swiping function of the instrument meets the requirements of TSG 81.

Mast lowering buffer

Mast lifting buffer

- Dual core controller
- Automatic deceleration for steering
- OPS

















Attachments





The hydraulic oil tank is located on the left side for easy filling and checking.



Heli Intelligent Fleet Management System (Standard Domestic Basic Edition)

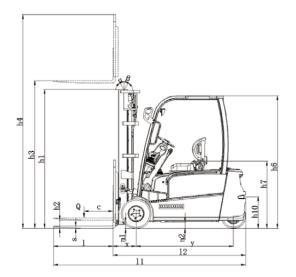


OPS (operator presence system)

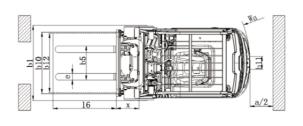
EASY MAINTENANCE Time-saving, convenient and efficient

7 G3 series 1.5-2 t LITHIUM BATTERY POWERED

Ma	anufacturer and Technical Dat	a										
	Characteristics											
	Manufacturer				н	ELI						
.02	Model			CPD15SQ	CPD16SQ	CPD18SQ	CPD20SQ					
.03	Configuration number			A2LiG3-M	A2LiG3-M	A2LiG3-M	A2LiG3-M					
.04		Q	kg	1500	1600	1800	2000					
05	Load center distance	С	mm		5	500						
.06	Power mode				Lithiun	n Battery						
	Driving mode					ated						
	Front overhang	Х	mm	367	367	367	372					
	Wheelbase	V	mm	1292	1292	1292	1400					
	Weight			1202	1202	1232	1100					
2.01	Total weight (with/without battery)		kg	2930/2650	3030/2750	3180/2900	3240/2960					
2.02	Axle load (laden,front/rear)		kg	3870/560	4035/595	4375/605	4600/640					
	Axle load (unladen,front/rear)		kg	1365/1565	1360/1670	1365/1815	1360/1800					
	Tyres		10	1303/1303	1300/1010	1303/1013	1500/1000					
3.01	Tyre type			Solid tyre	Solid tyre	Solid tyre	Solid tyre					
	Tyre size, front			18×7-8	18×7-8	200/50-10	200/50-10					
3.03	Tyre size, rear		 	10 ∨ 1-0		/55-9	ZUU/JU-1U					
3.04						×/2						
	Tread, front	b10	mm	920	920	930	930					
	Tread, rear		mm	920			930					
5.00		b11	1111111			105						
4.01	Dimensions	10	0 1			- 1-4						
	Mast tilt angle (forward/backward)	α/β				5/7						
1.02	Height (mast lowered)	h1	mm	2000	2000	2000	2000					
1.03	Free lifting height	h2	mm	105	105	105	110					
1.04	Lifting height (standard)	h3	mm			000						
	Max. height, extended (with backrest)	h4	mm			038 040						
	Height of overhead guard	h6	mm									
	Seat height relating to SIP (to ground)	h7	mm	1042								
4.08	Towing coupling height	h10	mm		4	82						
4.09	Overall length (with fork)	l1	mm	2820	2835	2865	2983					
	Overall length (without fork)	l2	mm	1900	1915	1945	2063					
	Overall width	b1	mm	1076	1076	1120	1120					
	Fork size:thickness x width x length	s/e/l	mm	$35 \times 100 \times 920$	35×100×920	35×100×920	40×122×920					
4.13	Fork carriage, according to ISO2328					2A						
	Distance across fork-arms, Max./Min.	b5	mm	960/200	960/200	960/200	1030/200					
	Ground clearance (at mast)	m1	mm		!	90						
4.16	Ground clearance (center of wheelbase)	m2	mm		1	.00						
4.17	Right angle stacking aisle width for pallet1000 x1200mm crossways	Ast	mm	3200	3220	3250	3370					
4.18	Right angle stacking aisle width for pallet800 x1200mm lengthways	Ast	mm	3330	3350	3380	3500					
4.19	Min. outside turning radius	Wa	mm	1515	1530	1560	1675					
	Performance Data											
5.01	Travel speed (laden/unladen)		km/h	16/16	16/16	16/16	16/16					
	Lift speed (laden/unladen)		mm/s	450/600	430/600	430/600	400/600					
	Lowering speed (laden/unladen)		mm/s	.00/000)/500						
5.04	Max.drawbar pull (laden)		N	13500	13500	14000	14000					
	Max.gradeability (laden/unladen)		%	20	20	20	20					
	Acceleration time(10 m)(laden/unladen)		S	5.4/5	5.4/5	5.4/5	5.4/5					
	Battery			J. † /J	J.+/J	J.+/J	J.4/J					
5.01	Battery voltage/Capacity		V/Ah	80/202	80/202	80/202	80/202					
	Battery weight		kg	280	280	280	280					
J.UZ	Motor and controller		l vg	Z8U	280		280					
7 01	Driving motor powering (S2-60min)		kW	F.F.V.2	F.E.V.2	F.F.V.2	F.5.42					
				5.5×2	5.5×2	5.5×2	5.5×2					
	Lifting motor powering (S3-15%)		kW	16.5	16.5	16.5	16.5					
	Driving motor controlling mode					FET/AC						
.04	Lifting motor controlling mode				MOS	FET/AC						
	Addition data					, , , ,						
	Service brake/Parking brake					/mechanical	ı					
8.02	Relief pressure		Мра	17.5	17.5	22.5	22.5					



Ast: Right angle stacking aisle width a: Clearance 200mm



Wide V	Wide View Standard Mast													
Mast Model	Max lifting height (mm)	Load ca	pacity (lode	e center 500i	mm)(kg)	Height (mast lowered)(mm)	Free lif backres	ft (with st) (mm)			Mast tilting angle (°) α/β			
Model		1.5t	1.6t	1.8t	2t	1.5-2t	1.5-1.8t	2t	1.5t	1.6t	1.8t	2t	1.5-2t	
M200	2000	1500	1600	1800	2000	1500	105	110	2959	3148	3255	3341	5/7	
M250	2500	1500	1600	1800	2000	1750	105	110	2992	3181	3288	3374	5/7	
M300	3000	1500	1600	1800	2000	2000	105	110	3025	3214	3321	3407	5/7	
M330	3300	1500	1600	1800	2000	2150	105	110	3045	3234	3341	3427	5/7	
M350	3500	1500	1600	1800	2000	2250	105	110	3058	3247	3354	3440	5/7	
M370	3700	1500	1600	1800	2000	2350	105	110	3072	3261	3368	3454	5/7	
M400	4000	1500	1600	1800	2000	2550	105	110	3123	3312	3419	3505	3/5	
M425	4250	1500	1600	1750	1900	2675	105	110	3140	3329	3436	3522	3/5	
M450	4500	1400	1500	1700	1850	2800	105	110	3156	3345	3452	3538	3/5	
M500	5000	1300	1400	1600	1700	3050	105	110	3215	3404	3511	3597	3/3	

Wide Vi	Wide View Full Free 2-Stage Mast														
Mast Model	Max lifting height (mm)	Load cap	acity (lode	center 50	0mm)(kg)	Height (mast lowered)(mm) Free lift (with backrest) (mm)				Mast tilting angle (°) α/β					
Model		1.5t	1.6t	1.8t	2t	1.5-2t	1.5-1.8t	2t	1.5t	1.6t	1.8t	2t	1.5-2t		
ZM200	2000	1500	1600	1800	2000	1500	477	482	2953	3142	3249	3335	5/7		
ZM250	2500	1500	1600	1800	2000	1750	727	732	2984	3173	3280	3366	5/7		
ZM300	3000	1500	1600	1800	2000	2000	977	982	3015	3204	3311	3397	5/7		
ZM330	3300	1500	1600	1800	2000	2150	1127	1132	3033	3222	3329	3415	5/7		
ZM350	3500	1500	1600	1800	2000	2250	1227	1232	3045	3234	3341	3427	5/7		
ZM370	3700	1500	1600	1800	2000	2350	1327	1332	3057	3246	3353	3439	5/7		
ZM400	4000	1500	1600	1800	2000	2550	1527	1532	3107	3296	3403	3489	3/5		

Note: the free lifting height increases by 449mm without backrest.

Wide Vi	Wide View Full Free 3-Stage Mast														
Mast Model	Max lifting height (mm)	Load cap	acity (lode	center 50	0mm)(kg)	Height (mast lowered)(mm)				Service weight (kg)					
Model		1.5t	1.6t	1.8t	2t	1.5-2t	1.5-1.8t	2t	1.5t	1.6t	1.8t	2t	1.5-2t		
ZSM360	3600	1500	1600	1800	2000	1750	727	732	3134	3323	3430	3516	3/5		
ZSM400	4000	1500	1600	1800	2000	1900	877	882	3163	3352	3459	3545	3/5		
ZSM435	4350	1400	1500	1700	1900	2000	977	982	3183	3372	3479	3565	3/5		
ZSM450	4500	1400	1500	1700	1850	2050	1027	1032	3193	3382	3489	3575	3/5		
ZSM470	4700	1350	1450	1650	1750	2120	1097	1102	3207	3396	3503	3589	3/5		
ZSM480	4800	1350	1450	1650	1750	2150	1127	1132	3213	3402	3509	3595	3/5		
ZSM500	5000	1200	1300	1600	1700	2250	1227	1232	3233	3422	3529	3615	3/3		
ZSM540	5400	1050	1150	1250	1400	2400	1377	1382	3262	3451	3558	3644	3/3		
ZSM600	6000	800	900	1000	1100	2675	1652	1657	3347	3536	3643	3729	3/3		
ZSM650	6500	700	800	900	1000	2850	1827	1832	3381	3570	3677	3763	3/3		

Note: the free lifting height increases by 449mm without backrest.

Lithium battery charger													
Lithium battery brand		HEDING ENEROC											
Voltage/Capacity	202	280	404	200	228	268	302	346	400				
CPD15/16/18SQ	•	0	_	0	0	0	0	_	_				
CPD20SQ	•	0	0	0	0	0	0	0	0				
Low temperature heating of lithium battery				•)								
Charger		D80V200ALi-123 (Charging gun) /D80V200ALi-423 (Charging gun)											

Note: lacktriangle standard \bigcirc optional — non-configurable

L	oad c	urve											
	2250								ı				
	2000										_		_
	1750						\rightarrow				_	\rightarrow	
(kg)	1500									Ļ	4		_
Ę	1250						\rightarrow			\geq	\rightarrow	\Rightarrow	
CAPACITY(kg)	1000										*		
	750						+			-	+	_	_
	500												
	LOAD	CENTER	R(mm)		50	00	600	70	00 8	800	900	1000	1100

CPD15SQ

CPD16SQ

CPD16SQ

CPD16SQ

CPD16SQ

CPD18SQ

CPD18SQ

CPD18SQ

CPD20SQ

CPD20SQ

CPD20SQ

CPD20SQ

CPD20SQ

Note:The vertical axis stands for load capacity while the horizontal axis stands for load center which is calculated from the front surface of the forks to the gravity of the standard load. the standard load means a cubic with 1000mm edge length. When the mast is tilted forward, the worker using nonstandard forks for loading large goods, the load capacity will be reduced. The load capacity of standard mast at different load center can be known from this load chart.