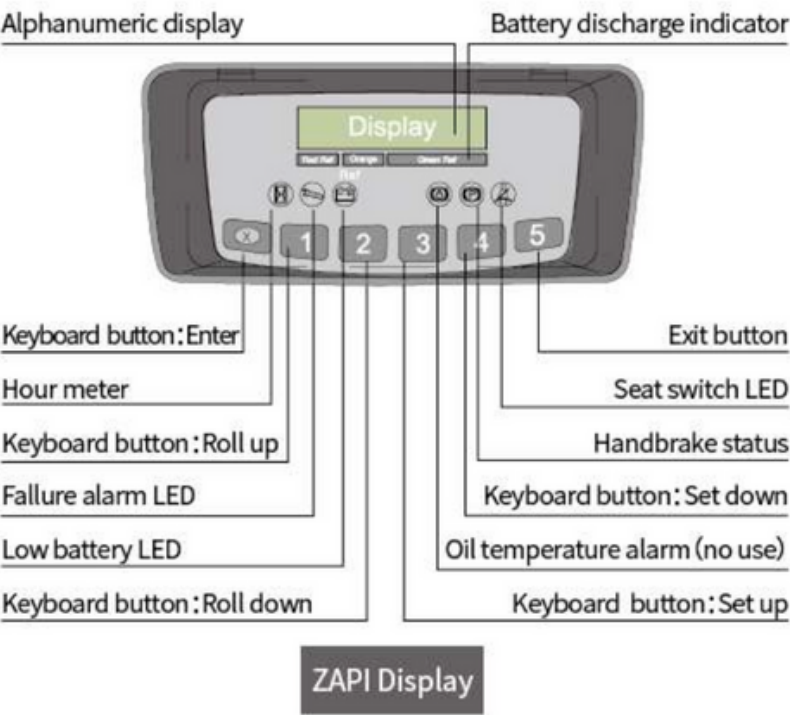




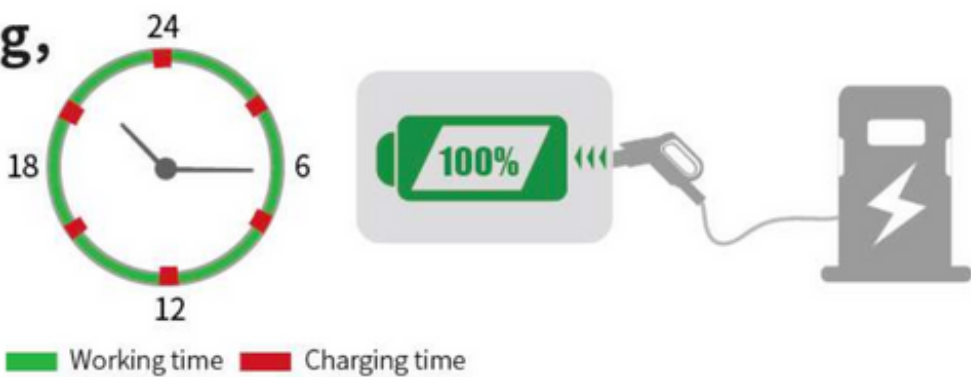
Enjoy driving experience



High efficient fast charging, ultra long endurance

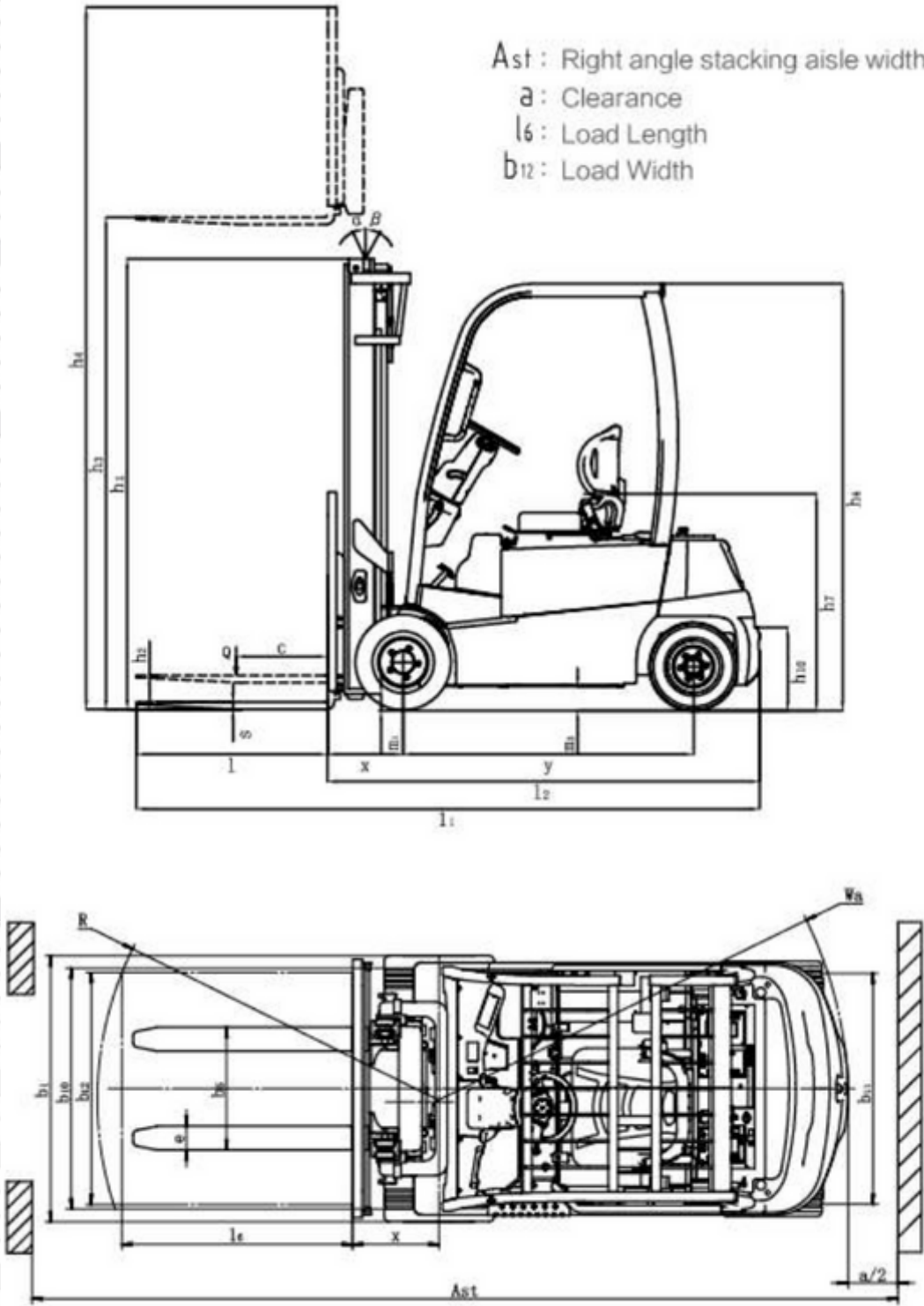
Realizes faster charging; standard 202ah lithium battery has ultra long endurance;

The high density energy and fast charging characteristics of lithium battery make it possible to carry out full time operation without interruption.



1.02	Model			CPD15	CPD16	CPD18	CPD20
1.03	Configuration number			GE2DLI	GE2DLI	GE2DLI	GE2DLI
1.04	Rated capacity	Q	kg	1500	1600	1800	2000
1.05	Load center distance	c	mm		500		
1.06	Power mode				Battery		
1.07	Driving mode				Seated		
1.08	Load distance, center of drive axle to fork	x	mm	367	367	367	372
1.09	Wheelbase	y	mm	1292	1292	1400	1400
Weight							
2.01	Total weight (with/without battery)		kg	2915/2635	3015/2735	3180/2900	3380/3100
2.02	Axle load (laden,front/rear)		kg	3895/520	4045/570	4390/590	4700/680
2.03	Axle load (unladen,front/rear)		kg	1365/1550	1385/1630	1430/1750	1450/1930
Tyres							
3.01	Tyre type				SE		
3.02	Tyre size,front			18X7-8	18X7-8	200/50-10	200/50-10
3.03	Tyre size,rear			140/55-9	140/55-9	16X6-8	16X6-8
3.04	Wheels,number front/rear (x=driven wheels)			2x/2	2x/2	2x/2	2x/2
3.05	Tread, front	b ₁₀	mm	910	910	920	920
3.06	Tread, rear	b ₁₁	mm	890	890	910	910
Dimensions							
4.01	Mast tilt angle (forward/backward)	α/β	°	5/7	5/7	5/7	5/7
4.02	Height (mast lowered)	h ₁	mm	2175	2175	2175	2175
4.03	Free lifting height	h ₂	mm	90	90	90	90
4.04	Lifting height (standard)	h ₃	mm	3300	3300	3300	3300
4.05	Max. height,extended	h ₄	mm	4039	4039	4039	4039
4.06	Height of overhead guard	h ₆	mm	2040	2040	2040	2040
4.07	Height of seat	h ₇	mm	1047	1047	1064	1064
4.08	Towing coupling height	h ₁₀	mm	375	375	375	375
4.09	Overall length (with fork)	l ₁	mm	2925	2925	3000	3000
4.10	Overall length (without fork)	l ₂	mm	2005	2005	2085	2085
4.11	Overall width	b ₁	mm	1060/1076	1060/1076	1060/1120	1060/1120
4.12	Fork carriage,DIN standard			2A	2A	2A	2A
4.13	Fork size:thickness x width x length	s/e/l	mm	35/100/920	35/100/920	35/100/920	40/122/920
4.14	Distance between fork-arms, Max./Min.	b ₅	mm	960/200	960/200	960/200	960/200
4.15	Ground clearance (laden,between mast)	m ₁	mm	90	90	90	90
4.16	Ground clearance (center of wheelbase)	m ₂	mm	100	100	100	100
4.17	Right angle stacker aisle width for pallet 1000 x1200mm crossways	A _{st}	mm	3315	3315	3420	3420
4.18	Right angle stacker aisle width for pallet 800 x1200mm lengthways	A _{st}	mm	3515	3515	3620	3620
4.19	Min. outside turning radius	W _s	mm	1745	1745	1845	1845
Performance Data							
5.01	Travel speed (laden/unladen)		km/h	17/18	17/18	17/18	17/18
5.02	Lift speed (laden/unladen)		m/s	0.46/0.65	0.46/0.65	0.42/0.6	0.42/0.6
5.03	Lowering speed (laden/unladen)		m/s	0.55/0.5	0.55/0.5	0.55/0.5	0.55/0.5
5.04	Max.drawbar pull (laden/unladen)		N	17500/11200	17500/11200	18500/11500	18500/11500
5.05	Max.gradeability (laden/unladen)		%	22/30	22/30	22/30	22/30
5.06	Acceleration time(10 m)(laden/unladen)		s	5.4/5	5.4/5	5.4/5	5.4/5
Battery							
6.01	Battery voltage/Capacity		V/Wh	80/202	80/202	80/202	80/202
6.02	Battery weight (Min./Max.)		kg	260/320	260/320	260/320	260/320
Motor and controller							
7.01	Driving motor powering (S2-60min)		kW	6X2	6X2	6X2	6X2
7.02	Lifting motor powering (S3-15%)		kW	17.6	17.6	17.6	17.6
7.03	Driving motor controlling mode				MOSFET/AC		
7.04	Lifting motor controlling mode				MOSFET/AC		
Addition data							
8.01	Service brake/Parking brake			Hydraulic/Hydraulic(automatic parking)			
8.02	Operating pressure for attachments		Mpa	17.5	17.5	17.5	17.5

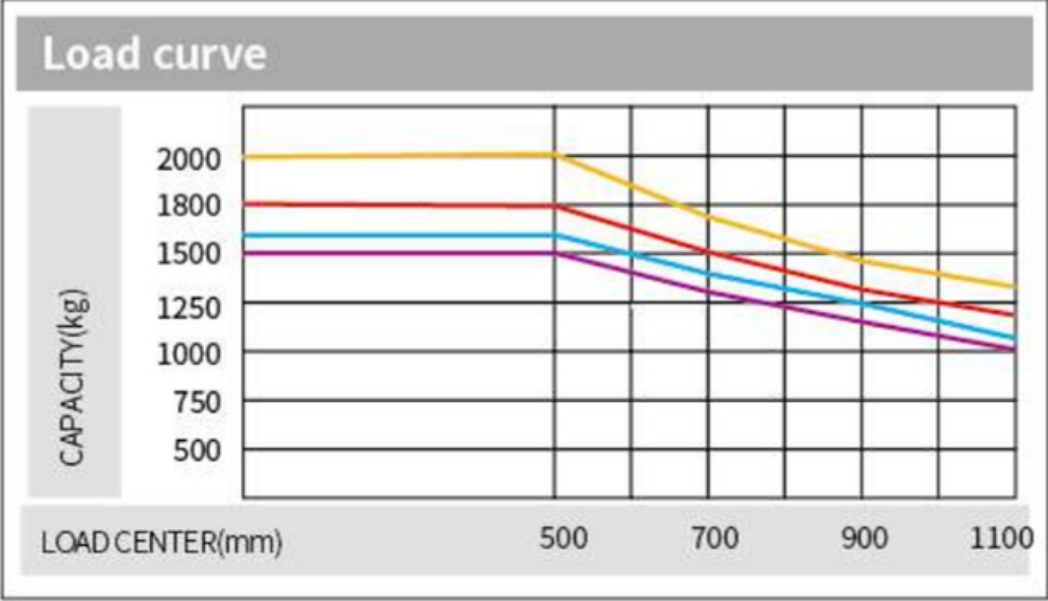
Note:for configuration number,2:ZAPI Controller;3:INMOTION Controller;6:HELI TECHNOLOGY Controller.



WIDE VIEW MAST											
mast model	Max lifting height mm	load capacity (load center 500mm)				mast overall height (fork to the ground)	service weight				mast tilting angle (°) α/β
		1.5t	1.6t	1.8t	2.0t		1.5t	1.6t	1.8t	2.0t	
M200	2000	1500	1600	1800	2000	1525	2843	2943	3099	3299	5-7
M250	2500	1500	1600	1800	2000	1775	2870	2970	3136	3336	5-7
M300	3000	1500	1600	1800	2000	2025	2899	2999	3164	3364	5-7
M330	3300	1500	1600	1800	2000	2175	2915	3015	3180	3380	5-7
M350	3500	1500	1600	1800	2000	2275	2926	3026	3191	3391	5-7
M370	3700	1500	1600	1800	2000	2375	2937	3037	3202	3402	5-7
M400	4000	1500	1600	1800	2000	2575	2980	3080	3245	3445	3-5
M425	4250	1500	1600	1800	2000	2700	3023	3123	3288	3488	3-5
M450	4500	1500	1600	1800	2000	2825	3038	3138	3303	3503	3-5
M500	5000	1250	1350	1600	1750	3075	3069	3169	3334	3534	3-5
M550	5500	1100	1250	1350	1500	3375	3127	3227	3392	3592	3-3
M600	6000	900	1000	1100	1300	3625	3158	3258	3423	3623	3-3

Wide View Full Free 2-Stage Mast												
mast model	Max lifting height mm	load capacity (load center 500mm)				mast overall height (fork to the ground)	free lifting height (with backrest)	service weight				mast tilting angle (°) α/β
		1.5t	1.6t	1.8t	2.0t			1.5t	1.6t	1.8t	2.0t	
ZM200	2000	1500	1600	1800	2000	1525	510	2870	2970	3135	3335	5-7
ZM250	2500	1500	1600	1800	2000	1775	760	2899	2999	3164	3364	5-7
ZM300	3000	1500	1600	1800	2000	2025	1010	2927	3027	3192	3392	5-7
ZM330	3300	1500	1600	1800	2000	2175	1160	2945	3045	3210	3410	5-7
ZM350	3500	1500	1600	1800	2000	2275	1260	2956	3056	3221	3421	5-7
ZM370	3700	1500	1600	1800	2000	2375	1360	2970	3070	3235	3435	5-7
ZM400	4000	1500	1600	1800	2000	2575	1560	3015	3115	3280	3480	3-5

宽视野三级全自由门架												
mast model	Max lifting height mm	load capacity (load center 500mm)				mast overall height (fork to the ground)	free lifting height (with backrest)	service weight				mast tilting angle (°) α/β
		1.5t	1.6t	1.8t	2.0t			1.5t	1.6t	1.8t	2.0t	
ZSM360	3600	1500	1600	1800	2000	1790	781	3059	3159	3324	3524	3-5
ZSM400	4000	1500	1600	1800	2000	1925	916	3084	3184	3349	3549	3-5
ZSM435	4350	1500	1600	1800	2000	2040	1031	3112	3212	3377	3577	3-5
ZSM450	4500	1500	1600	1800	2000	2090	1081	3123	3223	3388	3588	3-5
ZSM470	4700	1400	1500	1700	1900	2160	1151	3139	3239	3401	3601	3-5
ZSM480	4800	1350	1450	1650	1850	2190	1181	3144	3244	3406	3606	3-5
ZSM500	5000	1250	1350	1600	1750	2290	1281	3166	3266	3428	3628	3-5
ZSM540	5400	1100	1250	1350	1500	2425	1416	3222	3322	3484	3684	3-3
ZSM600	6000	900	1000	1100	1300	2640	1631	3262	3362	3524	3724	3-3
ZSM650	6500	800	900	1000	1200	2830	1821	3304	3404	3566	3766	3-3



CPD15

CPD16

CPD18

CPD20

Note:The vertical axis stands for load capacity and 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 mast is tilted forward, using non-standard forks or 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.



Smart instrument



Middle rearview mirror New Foot type parking system, ergonomic design



Storage box



The mast with large opening offers good driving vision ensuring operation comfort and safety.

Intelligent security protection

Intelligent stability system: it can automatically adjust the tilt angle and speed of the mast according to the lifting height and load state. Improve the high bearing capacity and vehicle stacking safety;

Intelligent speed limit in different application: multi application recognition and intelligent speed limit balance efficiency and safety;

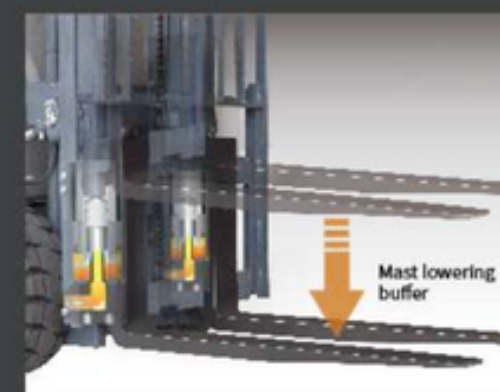
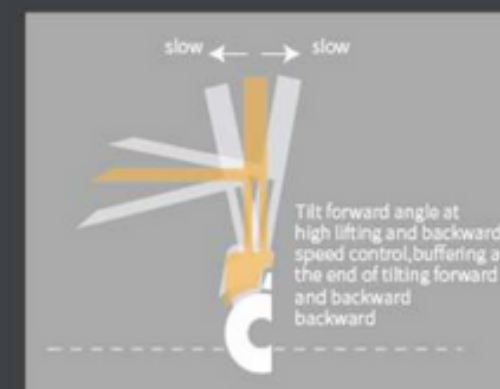
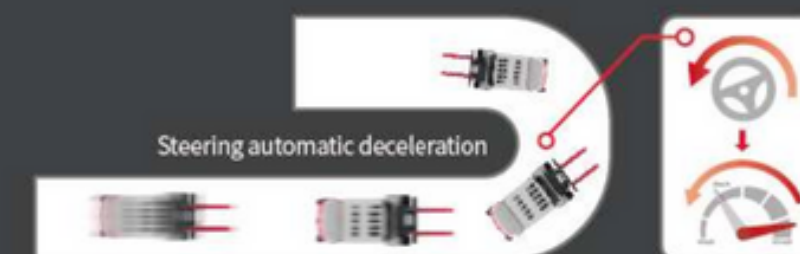
Intelligent limit buffer: intelligent induction of mast lifting and lowering avoids limit impact and is safe and comfortable;

Intelligent operation protection: a full set of OPS system can avoid misoperation and ensure safety;

Intelligent control strategy: dual core controller is in line with the latest EU safety requirements.

Intelligent steering deceleration: the automatic deceleration function of the turning can reduce the risk of turning over;

Lithium battery low temperature automatic heating, low temperature adaptation performance is superior.



Operating Cost Comparison:

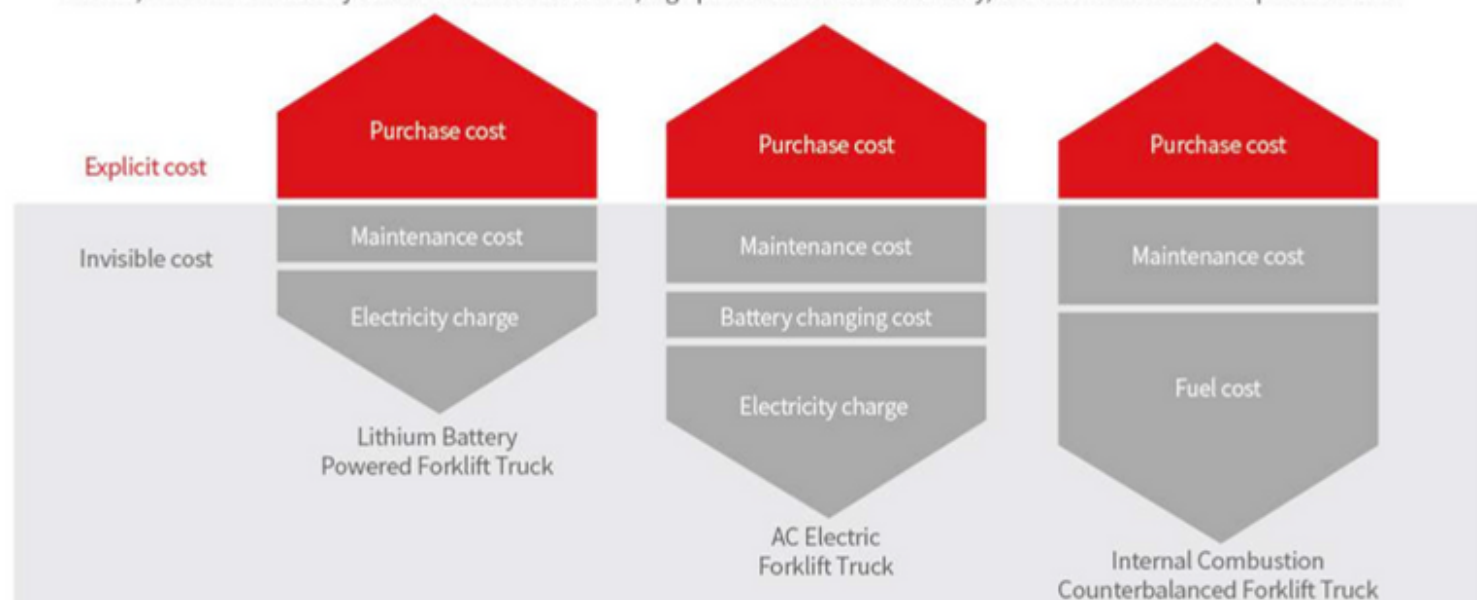
Lithium battery forklift **vs.** Lead-acid battery forklift **vs.** IC forklift

The advantages of Heli lithium battery forklift trucks are more prominent in the life cycle cost.

Compared with internal combustion forklift truck, lithium battery forklift truck has the advantages of no noise, no pollution, small vibration and simple operation.

Compared with the lead-acid battery forklift truck, lithium battery forklift has the characteristics of fast charging and charging at any time, which is more suitable for multi shift operation.

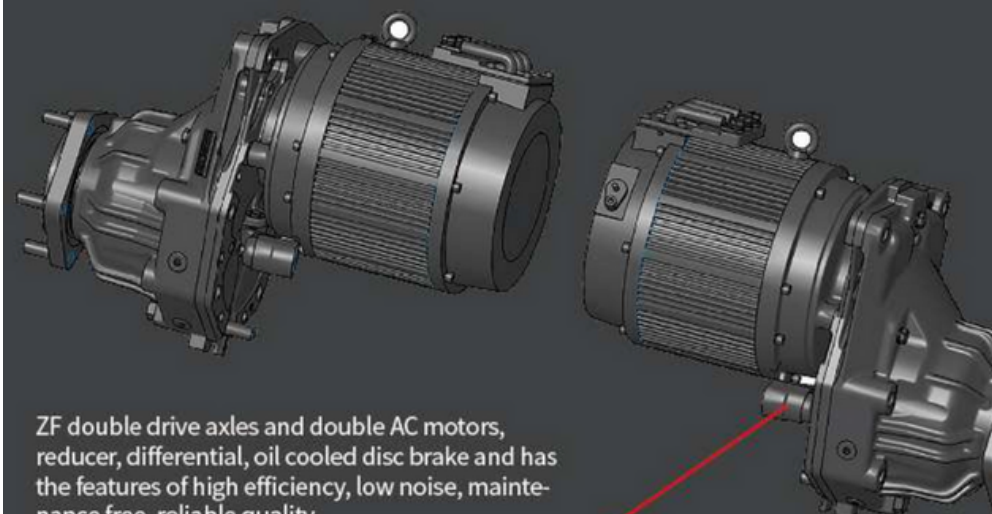
Besides, Heli lithium battery forklift is maintenance free, high power conversion efficiency, and economical overall operation cost.



Reliable Quality, Easy Maintenance

The whole vehicle works alternately in the -20°C cold storage and is parked in the cold storage for 12 hours.

The whole vehicle is trouble-free and can run sustainably.



ZF double drive axles and double AC motors, reducer, differential, oil cooled disc brake and has the features of high efficiency, low noise, maintenance free, reliable quality.

