

CPD30/35-EJL STANDARD / OPTIONAL CONFIGURATION

CONFIGURATION	STANDARD	OPTIONAL
Lithium battery	CPD30/35-EJL:80V/205Ah	80V/280Ah;80V/405Ah
Charger	Lithium Battery charger Three-phase 380V 80V/65A	Lithium Battery charger Single-phase 220V 80V/35A Lithium Battery charger Three-phase 380V 80V/100A Lithium Battery charger Three-phase 380V 80V/150A Lithium Battery charger Three-phase 380V 80V/200A
Tyres	Pneumatic tyre	Solid tyre、none-marking tyre、Wide base tyre
Multi valve	Two way valve	Three way valve、Four way valve
Seat	Shock absorbing seat	Semi-suspension seat、Full-suspension seat
Mast	2 stage 3m mast	2stage mast、2stage Full-free mast、3stage Full-free mast
Light	LED work light	Rear working light、Warning light、Road plate light、Reverse buzzer
Cooling and heat system	-	Air condition、Fans heater、Fans
Auxiliary control	Reverse Grab Handle with Horn Button	Curve deceleration, Bottom buffer, reversing camera,OPS control,seat belt OPS
Fork	Fork 1070mm	Multiple specifications

Attachments	-	Sideshift、Tilt Fork、Carbon camp Rotate、Fork positioning
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Official website



Media Platform



E-SERIES CPD30/35-EJL
LITHIUM BATTERY COUNTER-BALANCED FORKLIFTS

TOUGH WORLD. TOUGH EQUIPMENT.

CPD30/35-EJL PRODUCT FEATURES

1 Reliability and Stability

2 Green Energy-Saving

3 Easy Maintenance

The E-series lithium battery forklift is a new generation of forklift developed by Liugong for light and medium working conditions based on the 3T/3.5T E series National IV internal combustion engine platform according to market demand. The fuel forklift is upgraded to a green, energy-saving, economical, reliable and stable lithium battery forklift, which can easily replace the general internal combustion working condition.



Extra Wide Field of Visibility Mast

- The wide-view mast is upgraded with 440 high-strength steel, which increases its strength by 35% and has a wider field of visibility, greatly improving operational safety



Ergonomic Cab

- Ergonomically optimize the cab, reasonably layout the operating levers, and arrange the height of accelerator and brake pedal on the same plane, so as to effectively alleviate the driver's fatigue;
- Equipped with a small steering wheel to increase the operating space



High Fulcrum Tilt Cylinder Mounting

- The high fulcrum design of the tilt cylinder mounting makes the mast more stable and reliable



Whole Vehicle LED Lighting System

- LED lights of whole vehicle with energy-saving, high brightness and long life



Robust and Stable Overhead Guard

- High strength overhead guard
- Thicken the columns of the overhead guard to make it stronger



Sturdy Rear Columns

- 130mm ultra-wide rear column with solid and sturdy



Large Angle Opening of Engine Hood

- The opening angle of the hood is large, and the battery, electric control, and motor can be accessed directly after opening the hood, which makes maintenance more convenient

Removing Floor with Tool-free

- Simple operation, saving time and labor for routine maintenance



Steering Axle

- Enlarging the steering axle angle, thickening the oil cylinder and replacing ordinary bearings with tapered roller bearings, so as to achieve high reliability, small turning radius and less tire wear

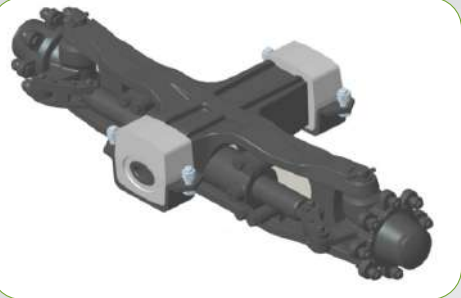


• The motor is maintenance-free; electric control units, fuses and other related parts can be directly accessed without tools for maintenance

• Ultra short front overhang makes it more stable

• Optimize the heat dissipation of the electrical system to make it more adaptable to harsh working environment

• The tail frame is integrally stamped and formed, and the front fender of the frame is thickened to 12mm



Standard Heavy-duty Casting Steering Axle

The integral casting axle body makes it more robust, and the rear axle is equipped with shock-absorbing and buffering functions and reinforced bearings to make it strong in impact resistance and long in service life



New System Layout

- The new system layout makes the electrical efficiency high and the heat dissipation efficient so as to achieve the purpose of long-term operation
- Standard 205Ah lithium battery, 65A charger, fast charging, more large capacity optional, no worries about battery life



Configure an External Charger

- External 65A charger, input voltage three-phase 380V; optional 100A or 150A charger to achieve fast charging

AFTER-SALE WITHOUT WORRY

All products are strictly controlled in accordance with ISO9001 and ISO14000 standards from design and development to after-sales service.Each product has passed the in-factory load test, and the test results prove that the product quality is high-quality and reliable and meets the actual requirements of users.



Provide Solutions



Service Staff In Pace



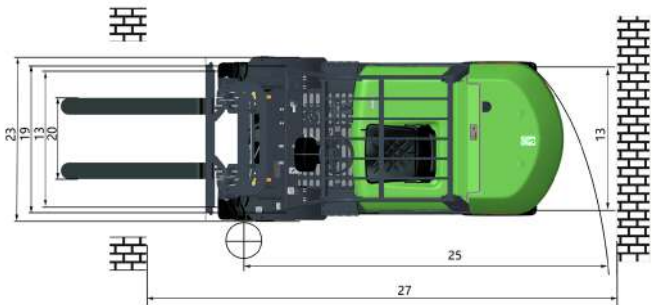
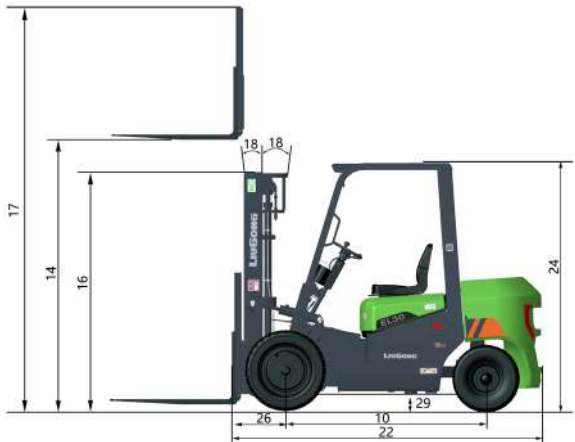
Completed from Response to Service

OPERATING CONDITIONS



PRODUCT SPECIFICATIONS

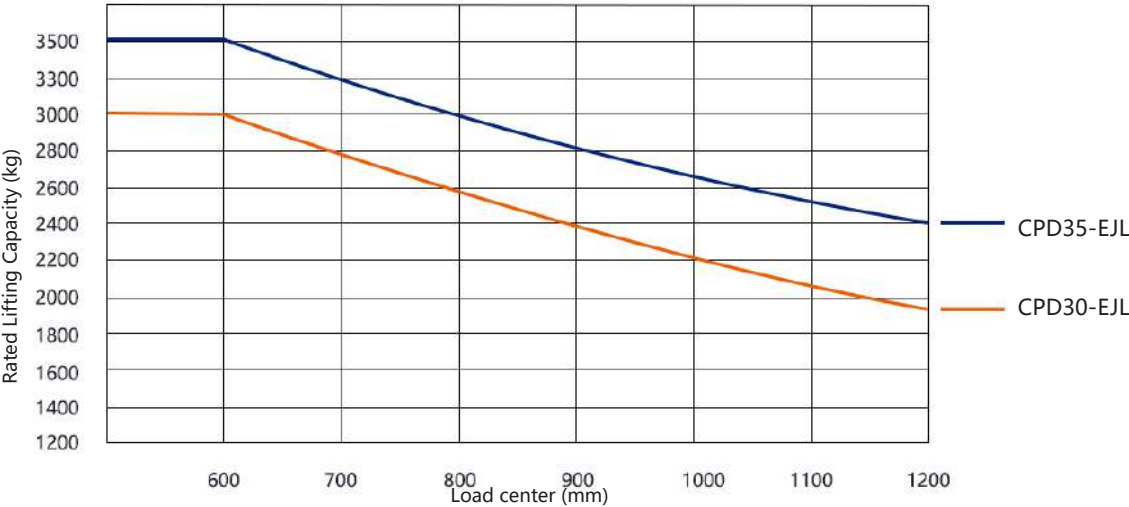
Overall	Model	1		CPD30	CPD35
	Configuration Number	2		EJL	EJL
	Base Capacity	3	Rated load center	3000	3500
Weight	Load center	4		500	500
	Service Weight	5	Unloaded	4160	4490
	Axle Load	6	Full load/unloaded, front axle	6498/1836	7246/1787
Tire		7	Full load/unloaded, rear axle	742/2404	818/2777
	Tire Type	8		Pneumatic tire	Pneumatic tire
	Wheels	9	Front wheel/rear wheel	2/2	2/2
	Wheelbase	10		1760	1760
	Tire Size	11	Front Tire	28x9-15-14PR	28x9-15-14PR
Mast		12	Rear wheel	6.5-10-10PR	6.5-10-10PR
	Tread Width	13	Front wheel/rear wheel	1005/980	1005/980
	Max. Fork Height	14		3000	3000
	Free lift	15		145	145
	Height, mast lowered	16	std 2-Stage mast	2120	2120
	Height, mast extended	17		3605	3605
	Mast tilt, fwd/back	18		6/12	6/12
Chassis	Fork carriage	19	Width	1100	1100
	Fork spread	20	Min/Max	272/1072	272/1072
	Fork dimensions	21	T x W x L	45x122x1070	50x122x1070
	Overall Length (to the front end of the fork)	22	std 2-Stage mast	2720	2778
	Overall width	23		1225	1225
Performance	Overhead guard height	24		2150	2150
	Turning Radius	25		2450	2508
	Travel speed	26		12/13	12/13
	Lift speed	27	Full load/unloaded	290/400	290/400
	Lower speed	28		440/430	440/430
System	Max. traction force	29	5-minute working system	13180	13180
	Maximum Gradeability	30	5-minute working system	15	15
	Controller	31		Jiachen	Jiachen
	Drive motor	32	S2 60min working system	10	10
	Pump motor	33	S3 15%working system	15	15
	Battery	34	Types	Lithium battery	Lithium battery
		35	Voltage	80	80
		36	Capacity (5h)	sta:205 opt:280/410	sta:205 opt:280/410



MAST AND CAPACITY INFORMATION

MAST AND CAPACITY INFORMATION

Mast type	Max. Lift Height (mm)	Mast height (mm)	Mast tilt (.)	Free lift height (mm)	Load capacity (Load center 500mm)(kg)		Weight (with standard fork)(kg)
					With standard fork	Waith side shifter	
					CPD30-EJL	CPD30-EJL	CPD30-EJL
Standard 2-Stage	3000	2120	6/12	145	3000	2750	4160
	3300	2270	6/12	145	3000	2750	4186
	3500	2370	6/12	145	2750	2600	4209
	4000	2670	6/6	145	2600	2500	4286
	4500	2920	6/6	145	2400	2300	4300
	5000	3220	3/6	145	2200	2100	4374
	5500	3670	3/6	145	2100	2000	4421
	6000	4020	3/6	145	2000	1900	4496
Full-Free Lift - 2-Stage Mast	2500	1870	6/12	714	2500	2250	4176
	3000	2120	6/12	964	3000	2750	4220
	3500	2370	6/12	1214	2750	2600	4269
Full-Free Lift 3-Stage Mast	3600	1815	6/6	659	2650	2450	4355
	4000	1950	6/6	794	2450	2250	4390
	4500	2120	6/6	964	2250	2050	4430
	4700	2190	6/6	1034	2100	1950	4450
	5000	2295	3/6	1134	1900	1600	4500
	5500	2450	3/6	1304	1700	1450	4590
	6000	2630	3/6	1474	1500	1300	4640



Mast type	Max. Lift Height (mm)	Mast height (mm)	Mast tilt (.)	Free lift height (mm)	Load capacity (Load center 500mm)(kg)		Weight (with standard fork)(kg)
					With standard fork	Waith side shifter	
					CPD35-EJL	CPD35-EJL	CPD35-EJL
Standard 2-Stage	3000	2120	6/12	145	3500	3250	4490
	3300	2270	6/12	145	3450	3200	4516
	3500	2370	6/12	145	3250	3100	4539
	4000	2670	6/6	145	3100	3000	4616
	4500	2920	6/6	145	2900	2800	4630
	5000	3220	3/6	145	2700	2600	4704
	5500	3670	3/6	145	2600	2500	4770
	6000	4020	3/6	145	2500	2400	4815
Full-Free Lift - 2-Stage Mast	2500	1870	6/12	714	3000	2750	4490
	3000	2120	6/12	964	3500	3250	4530
	3500	2370	6/12	1214	3250	3100	4579
	3600	1815	6/6	659	3150	2950	4715
Full-Free Lift 3-Stage Mast	4000	1950	6/6	794	2950	2750	4750
	4500	2120	6/6	964	2750	2550	4790
	4700	2190	6/6	1034	2600	2350	4780
	5000	2295	3/6	1134	2400	2100	4830
	5500	2450	3/6	1304	2200	1950	4920
	6000	2630	3/6	1474	2000	1800	4970

