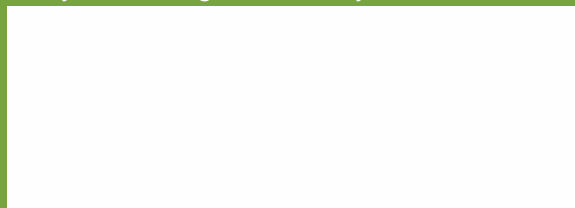




CREATING A BETTER FUTURE

LIUGONG / CARE
1800 1033 852

Always a LiuGong dealer near you.



The LiuGong series of logos herein, including but not limited to word marks, device marks, letter of alphabet marks and combination marks, as the registered trademarks of Guangxi Liugong Group Co., Ltd. are used by Guangxi Liugong Machinery Co., Ltd. with legal permission, and shall not be used without permission. Specifications and designs are subject to change without notice. Machines shown may include optional equipment and may not include all standard equipment.

LIUGONG

Corporate Office:
101, Okhla Phase III, New Delhi- 110020, Tel: 011-47272200
india@liugong.com

Manufacturing Plant:
Plot No. 163, Industrial Area, Sector-III, Pithampur
Dist.- Dhar, Madhya Pradesh- 454774, Tel: 07292-416700

www.liugong.com

Like and follow us:



11/2024 LIPL

LIUGONG

E **SERIES**
LITHIUM BATTERY

CPD40/45/50L/50



TOUGH WORLD. TOUGH EQUIPMENT.

CPD40-50-EMT

MAIN FEATURES

ENERGY SAVING

Efficient Permanent Magnet Synchronization Technology

- **Energy Regeneration** : Reclaims energy during braking and deceleration, improving overall efficiency.
- **Reduced Energy Consumption** : Achieves a 15-20% decrease in energy consumption, lowering operating costs.
- **Minimal maintenance** : Required for battery, motor, and electric controller. 5 years lower TCO than the internal combustion saving 60% total cost of ownership



HIGH EFFICIENCY

- **High-Speed, High-Power Motor with Large Speed Ratio Transmission** : Enhance performance, efficiency & overall operational capabilities.
- **High-Efficiency Heat Dissipation System** : Ensures reliable operation in harsh conditions, including ambient temperatures exceeding 45°C.
- **Optional Dual-Plug Charging Technology** : Enables rapid 1.5-hour full charge, minimizing downtime.



RELIABLE AND DURABLE

- **High protection level of electrical system**: Motor : IP54, Controller: IP56, to meet all-weather operation.
- **Reinforced tapered roller steering axle** with large rear tires for greater load capacity and longer service life.
- **Long wheelbase design** : Good stability, load capacity increased by 30%.
- **Use of internal combustion truck mast** : Suitable for stone, steel, and other heavy-duty working conditions.
- **High-quality lithium battery** : 6 years or 12,000 hours guarantee.

TOUGH WORLD. TOUGH EQUIPMENT.

CPD40-50-EMT

COMFORTABLE OPERATION

- **Ergonomic Cockpit Design to Reduce Driver Fatigue**.
- **Standard Semi-Surround Seat** : Provides optimal lumbar support and comfort.
- **Optional Dual Brake Pedal Configuration** : Enables precise micro-adjustments and reduces driver fatigue.
- **Gentle Fork Lowering** : Minimizes impact on goods when lowering forks to the bottom buffer.



INTELLIGENT COMMUNICATION

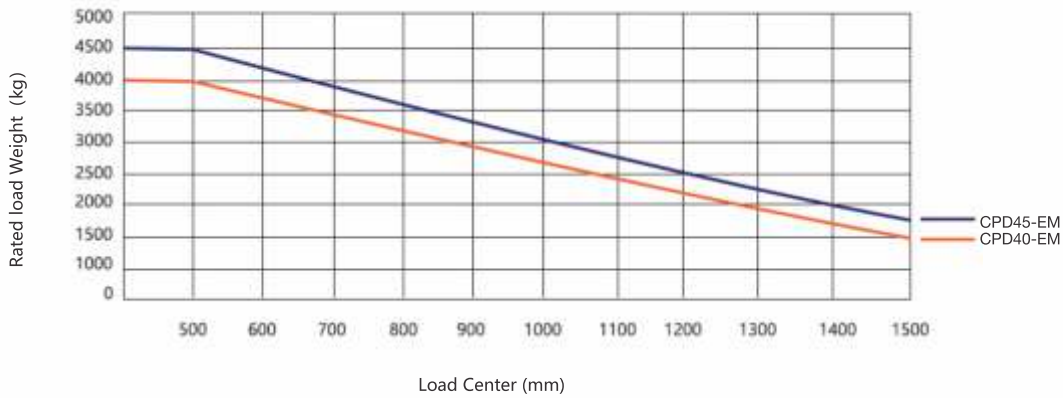
- **Smart Charging** : Enables scheduling charging during off-peak hours to reduce electricity costs by up to 50%

TOUGH WORLD. TOUGH EQUIPMENT.

CPD40-50-EMT

MAST AND CAPACITY INFORMATION

Mast type	Maximum Fork Height	Mast lowered height	Free Lift with Load Backrest	Mast Tilt Angle	Rated Load Capacity				Total Weight with Standard Forks	
	mm	mm	mm	°	With Standard Forks	With Sideshifter				
					kg @ 500mm LC				kg	
	CPD40/45-EM				CPD40-EM	CPD45-EM	CPD40-EM	CPD45-EM	CPD40-EM	CPD45-EM
Standard 2-Stage	2700	2135	170	6/12	4000	4500	3680	4150	5953	6303
	3000	2285	170	6/12	4000	4500	3680	4150	5990	6340
	3500	2535	170	6/12	4000	4500	3680	4150	6056	6406
	4000	2835	170	6/6	4000	4500	3680	4150	6209	6559
	4500	3085	170	6/6	3900	4400	3590	4060	6274	6624
	5000	3335	170	6/6	3700	4200	3400	3870	6338	6688
	5500	3635	170	6/6	3500	3900	3210	3590	6415	6765
	6000	3885	170	6/6	3200	3600	2930	3310	6479	6829
Full Free 2-Stage	2700	2135	993	6/12	4000	4500	3680	4150	5974	6324
	3000	2285	1143	6/12	4000	4500	3680	4150	6015	6365
Full Free 3-Stage	4000	2115	973	6/6	4000	4500	3680	4150	6227	6577
	4300	2220	1078	6/6	3900	4400	3590	4060	6268	6618
	4500	2285	1143	6/6	3800	4300	3490	3960	6315	6665
	4800	2385	1243	6/6	3700	4100	3400	3780	6332	6682
	5000	2450	1308	6/6	3600	4000	3310	3680	6358	6708
	5500	2665	1523	6/6	3400	3800	3120	3490	6440	6790
	6000	2845	1703	6/6	3100	3500	2840	3210	6510	6860
	6500	3050	1908	6/6	2800	3200	2550	2930	6586	6936

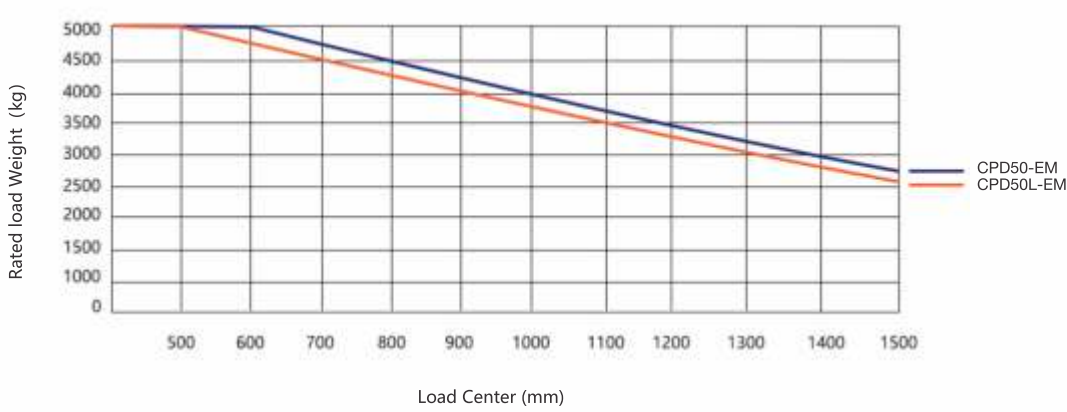


TOUGH WORLD. TOUGH EQUIPMENT.

CPD40-50-EMT

MAST AND CAPACITY INFORMATION

Mast type	Maximum Fork Height	Mast lowered height		Free Lift with Load Backrest		Mast Tilt Angle		Rated Load Capacity				Total Weight with Standard Forks	
	mm	mm	mm	°	With Standard Forks		With Sideshifter						
					kg @ 500mm LC	kg @ 600mm LC	kg @ 500mm LC	kg @ 600mm LC	kg				
CPD50L/50-EM CPD50L-EM CPD50-EM CPD50L-EM CPD50-EM CPD50L-EM CPD50-EM CPD50L-EM CPD50-EM CPD50L-EM CPD50-EM CPD50L-EM CPD50-EM													
Standard 2-Stage	2700	2135	2195	170	170	6/12	6/12	5000	5000	4500	4500	6543	7113
	3000	2285	2345	170	170	6/12	6/12	5000	5000	4500	4500	6580	7150
	3500	2535	2595	170	170	6/12	6/12	5000	5000	4500	4500	6646	7218
	4000	2835	2895	170	170	6/6	6/6	5000	5000	4500	4500	6799	7365
	4500	3085	3145	170	170	6/6	6/6	4900	4900	4500	4500	6864	7433
	5000	3335	3395	170	170	6/6	6/6	4600	4600	4250	4280	6928	7497
	5500	3635	3695	170	170	6/6	6/6	4300	4300	3960	3990	7005	7573
	6000	3885	3945	170	170	6/6	6/6	4000	4000	3680	3710	7069	7637
Full Free 2-Stage	2700	2135	2195	993	815	6/12	6/12	5000	5000	4500	4500	6564	7110
	3000	2285	2345	1143	965	6/12	6/12	5000	5000	4500	4500	6605	7151
	3500	-	2595	-	1215	-	6/12	-	5000	-	4500	-	7264
	4000	-	2895	-	1515	-	6/6	-	5000	-	4500	-	7354
Full Free 3-Stage	4000	2115	2175	973	795	6/6	6/6	5000	5000	4500	4500	6817	7382
	4300	2220	2280	1078	900	6/6	6/6	4900	4900	4500	4500	6858	7424
	4500	2285	2345	1143	965	6/6	6/6	4800	4800	4430	4460	6905	7453
	4800	2385	2445	1243	1065	6/6	6/6	4600	4600	4250	4280	6922	7491
	5000	2450	2510	1308	1130	6/6	6/6	4500	4500	4150	4180	6948	7519
	5500	2665	2725	1523	1345	6/6	6/6	4200	4200	3870	3900	7030	7600
	6000	2845	2905	1703	1525	6/6	6/6	3900	3900	3590	3610	7100	7672
	6500	3050	3110	1908	1730	6/6	6/6	3600	3600	3310	3330	7176	7755



TOUGH WORLD. TOUGH EQUIPMENT.

PRODUCT SPECIFICATIONS

Technical drawings of the 1.6-ton forklift showing side and top views with dimensions in inches.

Side View Dimensions:

- Overall height: 16
- Height to top of mast: 13
- Height to top of operator platform: 15
- Height to top of mast (with load): 17
- Height to top of operator platform (with load): 23
- Wheelbase: 25
- Front wheel offset: 9
- Overall width: 21

Top View Dimensions:

- Overall length: 26
- Length to front of operator platform: 24
- Fork length: 22
- Fork width: 18
- Distance from front of operator platform to fork tip: 12
- Distance from front of operator platform to fork base: 19
- Operator platform width: 12

STANDARD SPECIFICATIONS/AVAILABLE OPTIONS

WEIGHT CHART

PART	WEIGHT DIFFERENT										
FORK	Size(mm)	1220 (STD)	1370	1520	1670	1820	1970	2120	2440	less forks	
	Weight (Kg)	0	18	36	54	72	90	108	144	-220	
LOAD BACKREST	Size (m)	1.38mx1.3m(STD)	less	1.85mx1.3m			Lithium battery(Ah)		560Ah	690Ah	
	Weight (Kg)	0	-44	52				Weight (Kg)	0	72	
CARRIAGE	Size (mm)	2 stage width1.38m		2 Full stage width1.38m		3 Full stage width1.38m		2 stage width1.85m		3 Full stage width1.85m	
	Weight (Kg)	0		5		3		58		61	
TIRES	Type	Front/Rear pneumatic			Front/Rear solid			Front Double pneumatic		Front Double Solid	
	Weight (Kg)	0/0		120/56			67			296	
ATTACHMENTS	Type	Sideshifter(Cascade)/Chinese		Fork positioner			Paper clamp		positioner with side shift		
	Weight (Kg)	170/-		220			728		257		
OVER HEADGUARD AND CAB	Type	Cab with AC/without AC		OVH guard with windscreen		OVH guard with protective steel plate			Short OVH guard		
	Weight (Kg)	~81		63		25			-		

TOUGH WORLD. TOUGH EQUIPMENT.