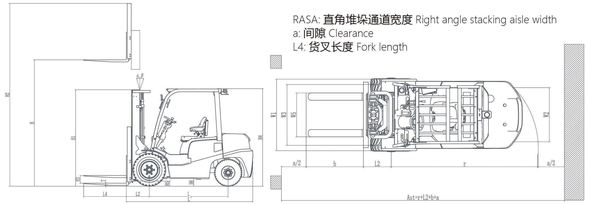
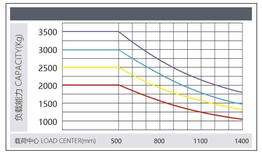


2-3.5t
ET SERIES LITHIUM BATTERY FORKLIFT

CPD20ET CPD30ET CPD25ET CPD35ET



注：
竖轴表示承载量，横轴表示载荷中心。载荷中心是从货叉正面计算起，标准载荷的基点是指负荷边长为 1000 毫米的立方体中心位置。当门架前倾、使用非标准货叉或装载超过正常宽度的负荷时，将会使承载量减少。通过负荷曲线图，能及时地了解标准门架在各种载荷中心时的承载能力。

Note:
The vertical axis stands for the load capacity and the horizontal axis stands for the load center. The load center is calculated from the face of the fork. The base point of the standard load is the center of the cube with a load side length of 1000 mm. When the mast leans forward, or non-standard forks are used, or loads exceeds normal width, the load capacity will be reduced. Through the load chart, the bearing capacity of the standard mast at various load centers can be timely understood.

高效的驱动系统
Efficient driving system

采用永磁电机 + 电控 + 变速箱一体集成式动力系统， IP67 防护等级，适用于室内室外全工况作业。

It adopts an integrated power system of permanent magnet motor, electronic control and gearbox, with an IP67 protection level, suitable for all-weather operations both indoors and outdoors.

高品质锂电池
High quality lithium battery

锂电池使用寿命长。零污染免维护，1.5-2 小时即可快速充满，随用随充，更适合多班次场景作业。

The lithium battery is zero-pollution and maintenance free,capable of fast charging in just 1.5–2 hours, it is ideal for multi-shift operations.

减少疲劳的半月形小径方向盘
Semilune steering wheel with small diameter

方向盘外径缩小至 300mm，减少操作人员的疲劳，提高操作舒适性。

The external diameter of the steering wheel reduces to 300 mm, which reduces operator's fatigue and improves the operating comfortability.

一体成型构造的护顶架
Integrated overall headguard

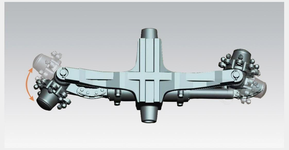
将护顶架的前腿、顶棚总成、后腿一体焊接成型，增加强度。

The integrated front leg, headguard unit and rear leg improve the strength of the headguard.

铸造转向桥
The cast steering

匹配铸造转向桥，承载更高，耐磨性好。大转向角度，确保整车极小的转弯半径。

The cast steering axle provides higher load capacity and excellent wear resistance. The large steering angle ensures an extremely small turning radius for the vehicle.



能量再生技术 *RENEWABLE ENERGY TECHNOLOGIES*

应用负荷传感优先转向和交流控制能量再生技术，叉车更节能，蓄电池单作业循环时间最大延长 15%。

With the use of the excellent load-sensing steering system and AC controlling renewable energy technologies, the forklift is more energy-saving and the working hour of the battery is extended by 15%.

2-3.5t

ET SERIES LITHIUM BATTERY FORKLIFT

TECHNICAL DATAS

	General						
1.01	Model			CPD20ET	CPD25ET	CPD30ET	CPD35ET
1.02	Rated capacity	Q	Kg	2000	2500	3000	3500
1.03	Load center distance	C	mm	500		500	
1.04	Power type			Lithium Battery		Lithium Battery	
1.05	Driving type			Seated		Seated	
1.06	Wheel base	L1	mm	1600		1700	
	Tyres						
2.01	Tyre type			Pneumatic		Pneumatic	
2.02	Wheel number (front/rear)			2×/2		2X / 2	
2.03	Front tread	W3	mm	970		1000	
2.04	Rear tread	W2	mm	970		970	
2.05	Tyre (front)			7.00-12-12PR		28X9-15-12PR	
2.06	Tyre (rear)			6.00-9-10PR		6.50-10-10PR	
	Size						
3.01	Front overhang	L2	mm	469		487	489
3.02	Mast tilting angle, front/rear	α/β	°	6/12		6/12	
3.03	Height with mast retraction	H1	mm	2000		2065	2180
3.04	Free lifting height	H3	mm	150		150	
3.05	Max. lifting height	H	mm	3000		3000	
3.06	Max. height after lifting	H2	mm	4050		4242	4237
3.07	Overall guard height	H4	mm	2070		2090	
3.08	Fork size: length×width×thickness	L x W x T	mm	1070×100×40	1070×120×40	1070×122×45	1070×122×50
3.09	Overall length(fork excluded)	L'	mm	2505	2575	2720	2750
3.10	Overall width	W1	mm	1150		1220	
3.11	Turning radius	r	mm	2170	2240	2460	2500
3.12	Ground clearance of mast	H5	mm	110		120	
3.13	Ground clearance of wheel base center (loaded)	H6	mm	118		160	
3.14	Lateral fork adjustment Max./Min.	W5	mm	1024/200		1060/250	
	Performance						
4.01	Travelling speed (loaded/unloaded)		km/h	18/18		18/18	
4.02	Lifting speed (loaded/unloaded)		mm/s	320/450	300/400	320/450	300/400
4.03	Lowering speed		mm/s	< 600			
4.04	Gradeability (loaded)		%	18			
	Weight						
5.01	Total weight (with battery)		Kg	3270	3630	4300	4550
	Lithium Battery						
6.01	Lithium Battery voltage /capacity		V/Ah	80/230	80/230	80/280	80/280
6.02	Lithium Battery weight		Kg	224	224	252	252
	Motor and controller						
7.01	Driving motor power(S9)		Kw	15		15	
7.02	Lifting motor power(S9)		Kw	13			
7.03	Electronic controller			Advanced electrionic control			
7.04	Charger		V/Ah	80/100			
7.05	Service brake/parking brake			Hydraulic / Mechanical			
7.06	Hydraulic system working pressure		Mpa	18.5			

WIDE VIEW MAST

Mast model	Max.lifting height (mm)	Load capacity (kg) (load center 500mm)				Mast overall height (mm)			Mast tilting angle° (front/rear)	
		2t	2.5t	3t	3.5t	2-2.5t	3t	3.5t	2-2.5t	3-3.5t
M300	3000	2000	2500	3000	3500	1995	2065	2120	6/12	6/12
M330	3300	2000	2500	3000	3500	2145	2215	2270	6/12	6/12
M350	3500	2000	2500	3000	3500	2245	2315	2370	6/12	6/12
M370	3700	2000	2500	3000	3500	2345	2415	2470	6-6 *6-6	6-6 *6-12
M400	4000	2000	2500	3000	3300 *3500	2545	2615	2670	6-6 *6-6	6-6 *6-12
M450	4500	1600 *1900	2100 *2400	2600 *3000	2900 *3100	2795	2865	2920	6-6 *6-6	6-6 *6-12
M500	5000	1200 *1700	1600 *1900	2100 *2850	2400 *2750	3045	3115	3170	6-6 *6-6	6-6 *6-6
M550	5500	950 *1500	1200 *1700	1650 *2400	1800 *2500	3345	3415	3470	*3-6	*3-6
M600	6000	700 *1200	900 *1400	1200 *2100	1400 *2300	3595	3665	3720	*3-6	*3-6

WIDE VIEW FULL FREE 2-STAGE MAST

Mast model	Max.lifting height (mm)	Load capacity (kg) (load center 500mm)				Mast overall height (mm)			Free lifting height (with backrest)			Mast tilting angle° (front/rear)	
		2t	2.5t	3t	3.5t	2-2.5t	3t	3.5t	2-2.5t	3t	3.5t	2-2.5t	3-3.5t
ZM300	3000	2000	2500	3000	3500	1995	2065	2095	995	825	870	6/12	6/12
ZM350	3500	2000	2500	3000	3500	2245	2315	2345	1245	1075	1120	6-6 *6-12	6/12
ZM400	4000	2000	2500	2700 *3000	3300 *3500	2545	2615	2645	1545	1375	1420	6-6 *6-12	6-6 *6-12
ZM450	4500	1800 *1900	2150 *2400	2400 *2700	2900 *3100	2795	2865	2895	1795	1625	1670	6-6 *6-6	6-6 *6-12
ZM500	5000	1500 *1700	1650 *2200	2000 *2400	2400 *2750	3045	3115	3145	2045	1875	1920	*3-6	6-6 *6-6

WIDE VIEW FULL FREE 3-STAGE MAST

Mast model	Max.lifting height (mm)	Load capacity (kg) (load center 500mm)				Mast overall height (mm)				Free lifting height (with backrest)				Mast tilting angle° (front/rear)			
		2t	2.5t	3t	3.5t	1.5-1.8t	2-2.5t	3-3.5t	3.8t	1.5-1.8t	2-2.5t	3-3.5t	3.8t	1.5-1.8t	2-2.5t	3-3.8t	
ZSM360	3600	2000	2500	3000	3200	1690	1695	1820	/	676	655	588	/	6/6	6-6 *6-6	6-6 *6-6	
ZSM400	4000	2000	2500	3000	3200	1825	1830	1953	/	810	778	721	/	6/6	6-6 *6-6	6-6 *6-6	
ZSM450	4500	1600 *1800	1700 *2200	2500 *2700	2800 *3000	1990	1995	2120	2120	976	995	888	888	6-6 *6-6	6-6 *6-6	6-6 *6-6	
ZSM480	4800	1250 *1700	1500 *2000	2250 *2450	2500 *2750	2090	2095	2220	2220	1076	1055	988	988	6-6 *6-6	6-6 *6-6	6-6 *6-6	
ZSM500	5000	1100 *1600	1300 *1800	2100 *2300	2300 *2600	2155	2165	2287	2287	1145	1121	1055	1055	6-6 *6-6	6-6 *6-6	6-6 *6-6	
ZSM550	5500	900 *1300	1100 *1600	1600 *2100	1700 *2300	2380	2330	2453	2453	1360	1288	1221	1221	3-6 *3-6	3-6 *3-6	3-6 *3-6	
ZSM600	6000	700 *1100	800 *1300	1200 *1900	1300 *2100	2550	2550	2670	2670	1526	1505	1438	1438	3-6 *3-6	3-6 *3-6	3-6 *3-6	

(1)Free lifting height (without backrest) 1.5-1.8T: +514mm,2-2.5T:+435mm,3-3.5T:+580mm;
(2)The service weight is the weight of forklift with dual tyres: +110 kg;
(3)*Refers to the load capacity of forklift with dual tyres;