



1.5-4.0 T

E Series Lithium Battery Forklift





◎机罩超大开合角度,大大提高维修保养时的可视范围,为维修人员提供更开阔的视野,提升作业效率。

The engine hood features an extra-wide opening angle, significantly improving visibility during maintenance and providing a broader view for technicians, thereby enhancing operational efficiency.



◎PES 三档位模式,可根据工况自由选择不同速度,作业效率更高。可选配弯道减速功能,降低机器侧倾风险。

PES three gear mode. Customers can select different mode based on their working condition. Optional steering speed control function helps to reduce the risk of machine tilting.



◎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. It is capable of fast charging in just 1.5-2 hours, ideal for multi-shift operations.



◎智能充电机自动检测电池状态,然后自动调整充电电流和电压,具有亏电保护,温度过高保护及充满自停功能,延长电池保护寿命。

The intelligent charger automatically detects battery parameters, then adjusts the charging current and voltage accordingly. It features low-charge protection, over-temperature protection, and an auto-stop function when fully charged, effectively extending the battery's lifespan.



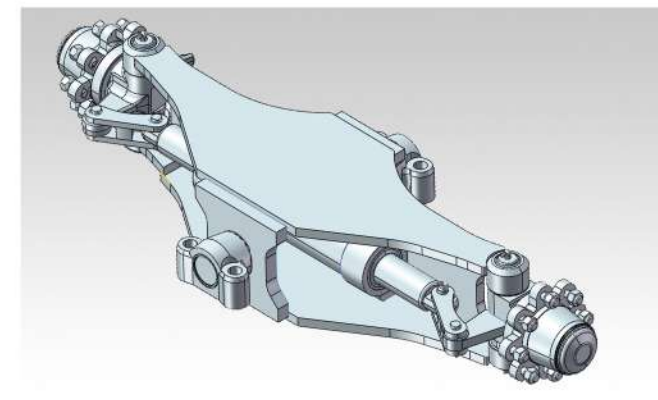
◎采用永磁电机 + 电控 + 变速箱一体集成式动力系统,IP67 防护等级,适用于室内室外全工况作业。

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.



◎高强度焊接桥体,整体式锻造转向节及铸造轮毂,抗变形抗弯曲。进口传感器,精度高,安全可靠。

High-strength welded axle housing with forged steering knuckle and cast hub for deformation and bending resistance. Equipped with high-precision imported sensors for safety and reliability.





◎4.3 英寸高清数字仪表盘显示速度、电量、里程和故障代码等关键信息。

The 4.3-inch high-definition digital dashboard displays key information such as speed, battery level, mileage and fault codes.



◎采用 OPS 减震座椅,驾驶更舒适。

Equipped with OPS suspension seat for a more comfortable driving experience.



◎配置 LED 节能灯具,亮度高,能耗低,寿命长。

The LED energy-saving lights offers high brightness, low energy consumption and a long lifespan.



◎基于人机工程学设计的叉车宽扶手,凭借优化的握持区域与贴合手部轮廓的弧度,极大提升操作舒适度。

The forklift's wide armrest, ergonomically designed with an optimized grip area and contour that fits the shape of the hand, greatly enhances operating comfort.

TECHNICAL DATAS										
General										
1.01	Model			CPD15E	CPD18E	CPD20E	CPD25E	CPD30E	CPD35E	CPD40E
1.02	Rated capacity	Q	Kg	1500	1800	2000	2500	3000	3500	4000
1.03	Load center distance	C	mm	500		500		500		
1.04	Power type			Lithium Battery		Lithium Battery		Lithium Battery		
1.05	Driving type			Seated		Seated		Seated		Seated
1.06	Wheel base	L1	mm	1400		1480		1570		1800
Tyres										
2.01	Tyre type			Pneumatic		Pneumatic		Pneumatic		Pneumatic
2.02	Wheel number (front/rear)			2×/2		2×/2		2X / 2		2×/2
2.03	Front tread	W3	mm	912		970		1000		1166
2.04	Rear tread	W2	mm	920		950		990		990
2.05	Tyre (front)			6.50-10-12PR		7.00-12-12PR		28X9-15-12PR		250-15-12PR
2.06	Tyre (rear)			5.00-8-8PR		18X7-8-14PR			200/50-10-14PR	
Size										
3.01	Front overhang	L2	mm	416		458		466		500
3.02	Mast tilting angle, front/rear	α/β	°	6/8		6/12		6/12		6/12
3.03	Height with mast retraction	H1	mm	1990		1995		2065		2150
3.04	Free lifting height	H3	mm	125		150		150		150
3.05	Max. lifting height	H	mm	3000		3000		3000		3000
3.06	Max. height after lifting	H2	mm	4040		4045		4272		4272
3.07	Overhead guard height	H4	mm	2140		2150		2180		2180
3.08	Fork size: length×width×thickness	L x W x T	mm	1070×100×35	1070×100×35	1070×100×40	1070×120×40	1070×125×45	1070×125×50	1070X150X50
3.09	Overall length(fork excluded)	L'	mm	2150		2343		2468	2558	2820
3.10	Overall width	W1	mm	1090		1170		1220		1420
3.11	Turning radius	r	mm	1997		2090		2300	2370	2600
3.12	Ground clearance of mast	H5	mm	105		110		120		130
3.13	Ground clearance of wheel base center (loaded)	H6	mm	115		105		120		130
3.14	Lateral fork adjustment Max./Min.	W5	mm	970/200		1038/200	1038/240	1100/250	1100/250	1300/250
Performance										
4.01	Travelling speed (loaded/unloaded)		km/h	15/15		18/18		18/18		18/18
4.02	Lifting speed (loaded/unloaded)		mm/s	280/400	260/400	320/450	300/400	320/450	300/400	250/350
4.03	Lowering speed		mm/s	< 600						
4.04	Gradeability (loaded)		%	18						
Weight										
5.01	Total weight (with battery)		Kg	2860	3040	3620	3960	4500	4940	5260
Lithium Battery										
6.01	Lithium Battery voltage /capacity		V/Ah	76.8/173	76.8/173	80/230	80/230	80/280	80/346	80/404
6.02	Lithium Battery weight		Kg	150	150	210	210	282	279	374
Motor and controller										
7.01	Driving motor power(S9)		Kw	13		15				
7.02	Lifting motor power(S9)		Kw	13						
7.03	Electronic controller			Advanced electronic control						
7.04	Charger		V/A	80/70		80/100				
7.05	Service brake/parking brake			Hydraulic / Mechanical						
7.06	Hydraulic system working pressure		Mpa	18.5						20

WIDE VIEW MAST

Mast model	Max.lifting height (mm)	Load capacity (kg) (load center 500mm)							Mast overall height (mm)					Mast tilting angle° (front/rear)		
		1.5T	1.8T	2t	2.5t	3t	3.5t	4t	1.5-1.8T	2-2.5t	3t	3.5t	4t	1.5-1.8T	2-2.5t	3-4t
M300	3000	1500	1800	2000	2500	3000	3500	4000	1990	1995	2065	2065	2150	6/8	6/12	6/12
M350	3500	1500	1600	2000	2500	3000	3500	4000	2240	2245	2315	2315	2400	6/8	6/12	6/12
M400	4000	1500	1600	2000	2500	3000	3300 *3500	4000	2540	2545	2615	2615	2700	6/6 *6/8	6-6 *6-6	6-6 *6-12
M450	4500	*1300	*1400	1600 *1900	2100 *2400	2600 *3000	2900 *3100	3500	2790	2795	2865	2865	2950	6/6 *6/8	6-6 *6-6	6-6 *6-12
M500	5000	*1200	*1300	1200 *1700	1600 *1900	2100 *2850	2400 *2750	3200	3040	3045	3115	3115	3200	6/6 *6/6	6-6 *6-6	6-6 *6-6
M550	5500	*1100	*1200	950 *1500	1200 *1700	1650 *2400	1800 *2500	1900*2600	3340	3345	3415	3415	3500	*3/6	*3-6	*3-6
M600	6000	*650	*800	800 *1200	900 *1400	1200 *2100	1400 *2300	1500*2400	3590	3595	3665	3665	3750	*3/6	*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)		
		1.5T	1.8T	2t	2.5t	3t	3.5t	4t	1.5-1.8T	2-2.5t	3t	3.5t	4t	1.5-1.8T	2-2.5t	3t	3.5t	4t	1.5-1.8T	2-2.5t	3-4t
ZM300	3000	1500	1800	2000	2500	3000	3500	3800	1990	1995	2065	2065	2150	975	995	825	825	913	6/8	6/12	6/12
ZM330	3300	1500	1800	2000	2500	3000	3500	3800	2140	2145	2215	2215	2300	1125	1145	975	975	1063	6/8	6/12	6/12
ZM350	3500	1500	1700	2000	2500	3000	3500	3800	2240	2245	2315	2315	2400	1225	1245	1075	1075	1163	6/8	6-6 *6-12	6/12
ZM370	3700	1500	1700	2000	2500	/	/	/	2340	2345	/	/	/	1250	1370	/	/	/	6/8	6-6 *6-12	/
ZM400	4000	1500	1600	2000	2500	2700 *3000	3300 *3500	3500*3800	2540	2545	2615	2615	2700	1525	1545	1375	1375	1413	6/8	6-6 *6-12	6-6 *6-12
ZM450	4500	/	/	1800 *1900	2150 *2400	2400 *2700	2900 *3100	3100*3300	/	2795	2865	2865	2950	/	1795	1625	1625	1663	/	6-6 *6-6	6-6 *6-12
ZM500	5000	/	/	1600 *1700	1650 *2200	2000 *2400	2400 *2750	2650*2800	/	3045	3115	3115	3200	/	2045	1875	1875	1913	/	*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)		
		1.5T	1.8T	2t	2.5t	3t	3.5t	4t	1.5-1.8T	2-2.5t	3t	3.5t	4t	1.5-1.8T	2-2.5t	3t	3.5t	4t	1.5-1.8T	2-2.5t	3-4t
ZSM360	3600	1500	1700	2000	2500	3000	3200	3800	1690	1755	1820	1820	1860	676	655	588	588	623	6/6	6-6 *6-6	6-6 *6-6
ZSM400	4000	1300	1600	2000	2500	3000	3200	3800	1825	1888	1953	1953	1993	810	778	721	721	756	6/6	6-6 *6-6	6-6 *6-6
ZSM450	4500	1150	1400	1600 *1800	1700 *2200	2500 *2700	2800 *3000	2950 *3200	1990	2055	2120	2120	2160	976	995	888	888	923	6/6	6-6 *6-6	6-6 *6-6
ZSM480	4800	1100	1300	1250 *1700	1500 *2000	2250 *2450	2500 *2750	2700 *3000	2090	2155	2220	2220	2260	1076	1055	988	988	1023	6/6	6-6 *6-6	6-6 *6-6
ZSM500	5000	1000	1200	1100 *1600	1300 *1800	2100 *2300	2300 *2600	2450*2700	2155	2222	2287	2287	2327	1145	1121	1055	1055	1090	6/6	6-6 *6-6	6-6 *6-6
ZSM550	5500	900	950	850 *1300	1100 *1600	1600 *2100	1700 *2300	1850*2400	2380	2388	2453	2453	2493	1360	1288	1221	1221	1256	3/6	3-6 *3-6	3-6 *3-6
ZSM600	6000	600	650	700 *1100	800 *1300	1200 *1900	1300 *2100	1400*2200	2550	2605	2670	2670	2710	1526	1505	1438	1438	1473	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;4T:+535mm
(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

