



CPD15-35S lithium battery special vehicle parameter table

Model number		CPD15S	CPD18S	CPD20S	CPD25S	CPD30S	CPD35S
1	Powe type	lithium battery	lithium battery	lithium battery	lithium battery	lithium battery	lithium battery
2	Load capacity	kg 1500	1800	2000	2500	3000	3500
3	Load center distance	mm 500	500	500	500	500	500
4	Lift height(t)/mm	mm 3000	3000	3000	3000	3000	3000
5	Free lift(H)/mm	mm 120	120	150	150	65	65
6	Fork size	L×W×T	mm 1070×100×40	1070×120×40	1070×125×45	1070×125×50	
7	Mast tilt angle	FR/RR	6/10	6/10	6/10	8/10	8/10
8	Minimum turning radius	mm 1930	1930	2060	2060	2440	2440
9	Minimum right angle stacking aisle width	mm 3507	3507	3691	3691	4155	4160
10	Minimum right angle aisle width	mm 2130	2130	2260	2260	2640	2640
11	Minimum ground clearance	mm 100	100	100	100	120	120
12	Height of overhead guard	mm 2060	2060	2060	2060	2160	2160
13	Height from seat to roof guard	mm 1020	1020	1020	1020	1000	1000
14	Overhang (FR)	mm 407	407	431	431	516	521
15	Maximum travel speed	Full load	km/h 13	13	13	13	13
16		No load	14	14	14	14	14
17	Maximum lift speed	Full load	m/s 300	300	280	280	240
18		No load	400	400	430	430	400
19	Maximum descending speed	Full load	m/s 410	410	430	430	350
20		No load	450	450	320	320	400
21	Maximum gradesability	%	15	15	15	15	15
22	Overall length	Without forks	mm 2130	2130	2331	2331	2597
23	Overall width	mm 1128	1128	1160	1160	1304	1304
24	Mast height at maximum lift (with backrest)	mm 4035	4035	4280	4280	4275	4275
25	Mast lowered height	mm 1990	1990	1985	1985	2120	2120
26	Tires	Front wheel/rear wheel	21×8-9-16PR	23×9-10-16PR	28*9-15-14PR	28*9-15	
27		Rear wheel	16×8-8-16PR	18×7-8-14PR		200/50-10	
28	Wheelbase	mm 1415	1415	1520	1520	1719	1719
29	Tread	Front wheel/rear wheel	mm 928/958	928/958	960/960	960/960	1060/980
30	Self weight	Without load	kg 3000	3150	3740	4100	4960
31	lithium battery	V/Ah	48/271	48/404	48/404	48/404	80/404
32	Motor	walk	KW 8	8	11	11	15.5
33		Lift	10.6	10.6	15	15	13.5
34	way to control		AC	AC	AC	AC	AC
35	Operating pressure	Mpa	15.5	15.5	15.5	15.5	18.5
36	drawbar pull	KN	13	13	13	20	21

Lithium battery capacity configuration table

Model	Lithium battery box size mm (L×W×H)	Capacity (Ah)	Remarks
CPD10S	965 × 455 × 680	271Ah	Standard
CPD15S		271Ah	Standard
CPD10-15S		404Ah	Standard
CPD18S		404Ah	Standard
CPD20S	978 × 525 × 690	404Ah	Standard
		542Ah	Standard
		404Ah	Standard
CPD25S	1141 × 612 × 805	542Ah	Standard
CPD30S		404Ah	Standard
CPD35S		542Ah	Standard

Charger model configuration table

Charger model	Power grid		Model	Remarks
	Voltage	Frequency		
48V/200A	Three-phase 380V	50Hz	CPD10-15S	Standard
			CPD18S	
			CPD20-25S	
	Single-phase 220V	CPD30-35S		
		CPD10-15S	Optional	
		CPD10-15S		
CPD18S	Optional heating function			
80V/200A		50Hz	CPD20-25S	
			CPD30-35S	
	CPD30-35S			

**MATERIAL HANDLING EXPERTS  
FROM AUTOMOTIVE QUALITY**

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**LITHIUM BATTERY  
COUNTERBALANCED FORKLIFT**

**S series 1-3.5T**

CPD10S / CPD15S / CPD18S  
CPD20S / CPD25S  
CPD30S / CPD35S



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