



OPDS15 VNA battery truck (man-up)

Characteristics

1. The truck adopts three point support structure which features low center of gravity, good steering stability and small turning radius.

2. Two sets of independent energy-saving and consumption reducing energy regeneration systems are adopted.

3. The high-strength mast has stable and large bearing capacity at high position.

4. Full AC drive control technology features higher power and efficiency.

5. The smart management system and CAN-bus system can meet all kinds of requirements and make the truck safe and reliable.

6. Multi axis control technology improves work efficiency.

7. With self balancing control technology, the truck has good stability.

 Interlock control is adopted for height and speed during driving to ensure dynamic stability of the truck.

9. The multi-level safety alarm system includes laser anti-collision sensor, emergency braking, audible and visual alarm to ensure personal and truck safety.

10. The ergonomic control handle is easy to operate, and the multi-functional LCD instrument displays truck conditions.

11. Tilt angle and height adjustable dash board are adopted. And operator's ideal sitting posture can be meted through the front and back adjustment seat.

12. Imported drive wheel, solenoid control valve, controller, contactor, steering potentiometer are adopted.

13. Slow, medium or fast mode can be selected according to different working conditions.

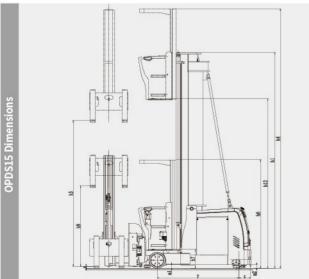
14. The on-board diagnosis system ensures the timeliness of maintenance and repair.

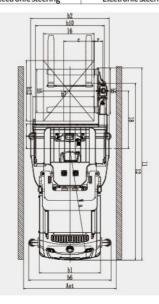
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-	Characteristics						
.1	Characteristics model		OPDS15/6.5m	OPDS15/8m	OPDS15/9.2m	OPDS15/10.5m	
2	driving mode		Stand-up rider	Stand-up rider	Stand-up rider	Stand-up rider	
3	Load capacity	Q(kg)	1500	1500	1500	1500	
4	Total lifting height	mm	6500	8000	9200	10500	
5	Load capacity at the highest	kg	1380	1150	950	850	
5	Load centre distance	c(mm)	600	600	600	600	
7	Front overhang	x(mm)	485±10	485±10	485±10	485±10	
B	Wheel base	y(mm)	1928±20	1928±20	1928±20	1928±20	
9	Rear overhang	z(mm)	280	280	280	280	
10	Service weight with battery	kg	7705	8105	8405	8805	
	Wheels						
L	Wheels type		PU	PU	PU	PU	
2	Wheels size(Front)		380*192	380*192	380*192	380*192	
3	Wheels size(Rear)		400*160	400*160	400*160	400*160	
t I	Wheels number front/rear(x=driven wheels)		2/1x	2/1x	2/1x	2/1x	
5	Front wheel base	b10(mm)	1362±10	1362±10	1362±10	1362±10	
	Dimension						
1	Mast lowered height	h1(mm)	3745±20	4498±20	5098±20	5748±20	
2	Lift height	h3(mm)	4760	6260	7460	8760	
3	Mast extend height	h4(mm)	7428±20	8928±20	10128±20	11428±20	
4	Overhead guard height	h6(mm)	2564±20	2564±20	2564±20	2564±20	
5	Step height	h7(mm)	442±10	442±10	442±10	442±10	
6	Auxiliary lifting height	h9(mm)	1740	1740	1740	1740	
7	Platform height after lifting	h12(mm)	5202±20	6702±20	7902±20	9202±20	
8	Overall length	l1(mm)	3805±20	3805±20	3805±20	3805±20	
)	Vehicle length to face of fork	l2(mm)	3470±20	3470±20	3470±20	3470±20	
10		b1/b2(mm)	1210/1555	1210/1555	1210/1555	1210/1555	
11	fork size: thickness×width×length	s/e/l(mm)	40x120x950	40x120x950	40x120x950	40x120x950	
12	Fork carrier ISO 2328 ,class/type		2/B	2/B	2/B	2/B	
13		b3(mm)	908	908	908	908	
14		b5(mm)	870	870	870	870	
15		b6(mm)	1630	1630	1630	1630	
16		b7(mm)	1300±20	1300 ± 20	1300±20	1300±20	
17		b8(mm)	480	480	480	480	
18		m1(mm)	80	80	80	80	
19		m2(mm)	80	80	80	80	
20		Ast(mm)	1680	1680	1680	1680	
21		Wa(mm)	2220±20	2220±20	2220±20	2220±20	
22		l8(mm)	1150	1150	1150	1150	
23	Maximum picking height	h12+1600(mm)	6802±20	8302±20	9502±20	10802±20	
24		b12(mm)	1200	1200	1200	1200	
25		l6(mm)	1000	1000	1000	1000	
26	Width of cab entrance	mm	420	420	420	420	
27	Inside height of cab	mm	2070±20	2070±20	2070±20	2070±20	
28		b9(mm)	1430±10	1430±10	1430±10	1430±10	
29		b14(mm)	1488	1488	1488	1488	
30		l10(mm)	175	175	175	175	
31		r(mm)	155	155	155	155	
	Performance						
	Travelling speed: loaded/unloaded (Mechanical guidance)	km/h	10/10	10/10	10/10	10/10	
2	Lifting speed:loaded/unloaded	mm/s	280/300	280/300	280/300	280/300	
}	Lowering speed: loaded/unloaded	mm/s	320/300 190/200	320/300 190/200	320/300	320/300	
	Reach speed:loaded/unloaded	mm/s			190/200	190/200	
5	Service brake	-	Regenerative / Hydraulic	Regenerative / Hydraulic	Regenerative / Hydraulic	Regenerative / Hydrauli	
-	Parking brake	-	Electromagnetic brake	Electromagnetic brake	Electromagnetic brake	Electromagnetic brake	
.7 .8	Axle load(with load), front/rear		7440/1765(Vertical release)	7640/1965(Vertical release)	7790/2115(Vertical release)	7990/2315(Vertical releas	
	Axle load(without load),front/rear		4680/3025	4880/3225	4980/3425	5180/3625	
	Motor and battery	L V	75	75	75	75	
	D:	Kw	7.5	7.5	7.5	7.5	
	Drive motor power-60 minutes		20			20	
2	Lifting motor power-15 minutes	Kw	20	20			
2 3	Lifting motor power-15 minutes battery voltage/capacity (discharging capacity in 5 hours)	Kw V/Ah	80/560	80/560	80/560	80/560	
2 3	Lifting motor power-15 minutes battery voltage/capacity (discharging capacity in 5 hours) battery weight	Kw					
2 3 4	Lifting motor power-15 minutes battery voltage/capacity (discharging capacity in 5 hours) battery weight Others	Kw V/Ah	80/560 1480 (1450-1510)	80/560 1480 (1450-1510)	80/560 1480 (1450-1510)	80/560 1480 (1450-1510)	
1 2 3 4 1 2	Lifting motor power-15 minutes battery voltage/capacity (discharging capacity in 5 hours) battery weight	Kw V/Ah	80/560	80/560	80/560	80/560	







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