



2024 Lithium-ion Battery

- **Longer Lifespan:** Lithium-ion batteries have a longer lifespan than lead-acid batteries, meaning they require less frequent replacement, which can save businesses money over time.
- **Higher Energy Density:** Lithium-ion batteries have a higher energy density than lead-acid batteries, which means they can store more energy in a smaller space, resulting in longer operating times and increased productivity.
- **Faster Charging:** Lithium-ion batteries can be charged much more quickly than lead-acid batteries, often in as little as one to two hours. This can help businesses reduce downtime and increase efficiency.
- **Lightweight and Compact:** Lithium-ion batteries are much lighter and more compact than lead-acid batteries, making them ideal for use in small or tight spaces.
- **Low Maintenance:** Lithium-ion batteries require very little maintenance compared to lead-acid batteries, which can be time-consuming and costly.
- **Eco-Friendly:** Lithium-ion batteries are more environmentally friendly than lead-acid batteries, as they do not contain hazardous materials like lead and acid.



VMAXUSA is a heavy equipment import company representing the best new technology in emissions free equipment. We are a USA owned and operated company, National Headquarters located in Butte, Montana. VMAXUSA provides customers with new options in heavy electric machinery. forklifts, scissor lifts, track scissor lifts, wheeled front loaders, excavators, mini front loaders, skid steers and more.

Check out our new line of 2024 products for your lifting needs.



Renewable Energy Technologies

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%.





1-1.8t

K SERIES LITHIUM BATTERY POWERED COUNTERBALANCE FORKLIFT



High Quality Lithium Battery

Standard equipped with Heding high quality lithium battery. Long service life, five-year warranty, zero pollution, maintenance free. 1.5-2 hours for full charge, more suitable for multi-shift work.



Large LCD Screen

The large LCD can directly display the operating state of the vehicle. It also has the function of fault display and maloperation alarm.



LMH three gear mode

LMH three gear mode. Customers can select different mode based on their working condition to achieve higher efficiency. Optional steering speed control function helps to reduce the risk of machine rolling.



Convenient maintenance

The nearly 90° large opening angle of the battery cover and the flexible dismantled side cover facilitate the battery installing job and line maintenance job greatly.

Side-placed charging port

The lithium battery can operate at temperatures up to 55 C°. Under extreme cold temperatures, the battery can still maintain excellent discharge performance with optional self-heating function.

Improved safety performance

High-mounted rear axle construction improves the machine's lateral stability.

Optional steering speed control makes the operation more safe.



WIDE VIEW MAST						
Mast model	Max. lifting height (mm)	Load capacity (load center 500mm) (kg)			Mast overall height (mm)	Mast tilting angle (front/rear)
		1t	1.5t	1.8t		
M200	2000	1000	1500	1800	1490	6/12
M250	2500	1000	1500	1800	1740	6/12
M270	2700	1000	1500	1800	1840	6/12
M300	3000	1000	1500	1800	1990	6/12
M330	3300	1000	1500	1700	2140	6/12
M350	3500	1000	1500	1600	2240	6/12
M370	3700	1000	1500	1600	2340	6/6 *6/12
M400	4000	1000	1500	1600	2540	6/6 *6/12
M425	4250	900 *1000	1300 *1500	1400 *1600	2665	6/6 *6/12
M450	4500	*900	*1300	*1400	2790	6/6 *6/12
M500	5000	*800	*1200	*1300	3040	6/6 *6/6
M550	5500	*600	*1100	*1200	3340	*3/6
M600	6000	*450	*650	*800	3590	*3/6

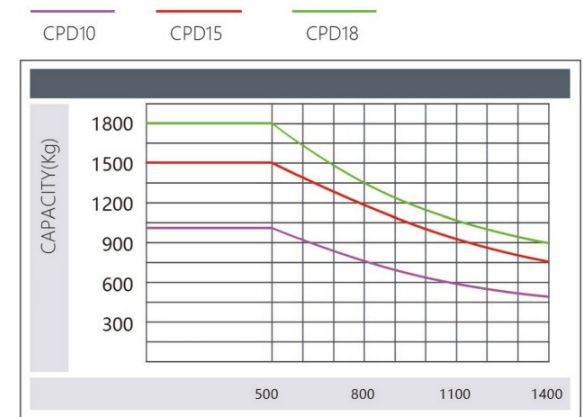
Note: (1)*refers to the load capacity of truck with dual tyres
(2)The service weight is the weight of truck with dual tyres:+110 kg
(3)Max. lifting height (backrest): +580mm

WIDE VIEW FULL FREE 2-STAGE MEST						
Mast model	Max. lifting height (mm)	Load capacity(load center 500mm)(kg)			Mast overall height(mm)	Free lifting height(with backrest) mm
		1t	1.5t	1.8t		
ZM200	2000	1000	1500	1800	1490	475
ZM250	2500	1000	1500	1800	1740	725
ZM300	3000	1000	1500	1800	1990	975
ZM330	3300	1000	1500	1700	2140	1125
ZM350	3500	1000	1500	1600	2240	1225
ZM370	3700	1000	1500	1600	2340	1250
ZM400	4000	1000	1500	1600	2540	1525
ZM425	4250	900 *1000	1300 *1500	1400 *1600	2665	1650
ZM450	4500	*900	1100 *1300	1200 *1400	2790	1775
ZM500	5000	*800	950 *1150	1050 *1250	3040	2025
ZM550	5500	*600	*1000	*1100	3340	2325
ZM600	6000	*450	*650	*750	3590	2575

Note: (1)*refers to the load capacity of truck with dual tyres
(2)The service weight is the weight of truck with dual tyres:+110kg
(3)Free lifting height (without backrest) : +514mm

WIDE VIEW FULL FREE 3-STAGE MAST						
Mast model	Max. lifting height (mm)	Load capacity(load center 500mm) (kg)			Mast overall height(mm)	Free lifting height (with backrest) mm
		1t	1.5t	1.8t		
ZSM360	3600	1000	1500	1700	1690	676
ZSM400	4000	800	1300	1600	1825	810
ZSM435	4350	700	1200	1500	1940	926
ZSM450	4500	650	1150	1400	1990	976
ZSM480	4800	600	1100	1300	2090	1076
ZSM500	5000	500	1000	1200	2155	1145
ZSM550	5500	400 *500	900 *1000	950 *1100	2380	1360
ZSM600	6000	200 *450	600 *800	650 *900	2550	1526

Note: (1)*refers to the load capacity of truck with dual tyres
(2)The service weight is the weight of truck with dual tyres:+110kg
(3)Free lifting height (without backrest) : +514mm

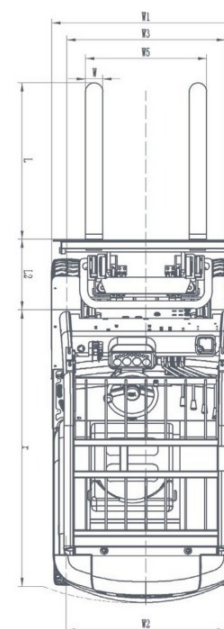
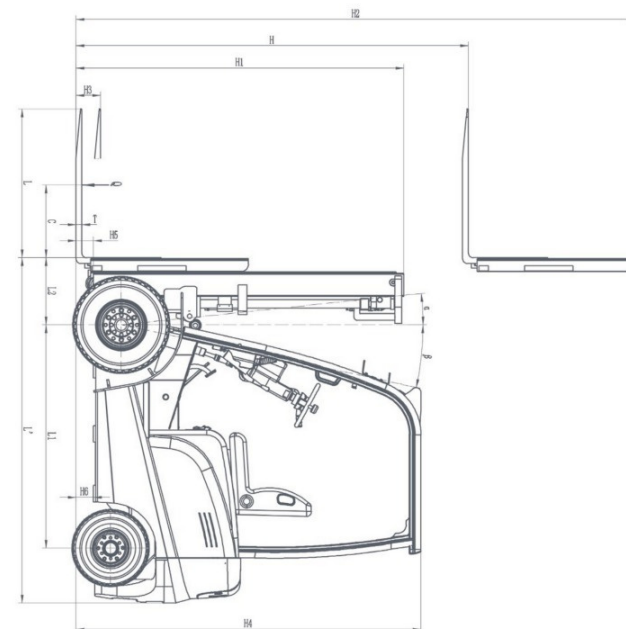


NOTE:

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.

ManuFacter's Data and Design Characteristics

Characteristics					
1.01 Manufacturer					
1.02 Model			CPD10	CPD15	CPD18
1.03 Rated Capacity	Q	kg	1000	1500	1800
1.04 Load Center Distance	C	mm	500	500	500
1.05 Power Type			Lthium Battery	Lthium Battery	Lthium Battery
1.06 Driving Type			Seated	Seated	Seated
1.07 Wheel Base	L1	mm	1360	1360	1360
Tyres					
2.01 Tyre Type			Pneumatic	Pneumatic	Pneumatic
2.02 Wheel Number (front/rear)			2x/2	2x/2	2x/2
2.03 Front tread	W3	mm	912	912	912
2.04 Rear tread	W2	mm	920	920	920
2.05 Tyre (front)			6.50-10-12PR	6.50-10-12PR	6.50-10-12PR
2.06 Tyre (rear)			5.00-8-8PR	5.00-8-8PR	5.00-8-8PR
Size					
3.01 Front Overhang	L2	mm	400	400	400
3.02 Mast Tilting Angle, Front/Rear	α/β	°	6/12	6/12	6/12
3.03 Height with Mast Retraction	H1	mm	1995	1995	1995
3.04 Free Lifting Height	H3	mm	140	140	140
3.05 Max. Lifting Height	H	mm	3000	3000	3000
3.06 Max. Height After Lifting	H2	mm	4025	4025	4025
3.07 Overall Guard Height	H4	mm	2100	2100	2100
3.08 Fork Size: Length x Width x Thickness	L x W x T	mm	1070 x 100 x 32	1070 x 100 x 35	1070 x 100 x 35
3.09 Overall Length (Fork Excluded)	L'	mm	2035	2035	2035
3.10 Overall Width	W1	mm	1090	1090	1090
3.11 Turning Radius	r	mm	1997	1997	1997
3.12 Ground Clearance of Mast	H5	mm	105	105	105
3.13 Ground clearance of wheel base center (loaded)	H6	mm	115	115	115
3.14 Right Angle Stacking Aisle Width (Pallet 1000 x 1000mm, Clearance 200mm)	Ast	mm	3797	3797	3797
3.15 Right Angle Stacking Aisle Width (Pallet 1200 x 1200mm, Clearance 200mm)	Ast	mm	3997	3997	3997
3.16 Lateral Fork Adjustment Max./Min.	W5	mm	970/200	970/200	970/200
Performance					
4.01 Traveling Speed (Loaded/Unloaded)		km/h	13/15	13/15	13/15
4.02 Lifting Speed (Loaded/Unloaded)		mm/s	240/450	240/450	240/450
4.03 Lowering Speed		mm/s	<600	<600	<600
4.04 Gradeability (loaded)		%	12	12	12
Weight					
5.01 Total Weight		Kg	2960	3120	3200
Lithium Battery					
6.01 Lithium Battery Voltage / capacity		V/Ah	80/150	80/150	80/173
6.02 Lithium Battery weight (with battery box)		Kg	580	580	640
Motor and controller					
7.01 Driving motor power-60 minutes		Kw		8	
7.02 Lifting motor power (S3 15%)		Kw		10	
7.03 Driving motor control mode				AC	
7.04 Lifting motor control mode				AC	
7.05 Service brake / parking brake				Hydraulic / Mechanical	
7.06 Hydraulic system working pressure		Mpa		17.5	





2-2.5t

K SERIES LITHIUM BATTERY POWERED COUNTERBALANCE FORKLIFT

Reinforced components

The maintenance-free wet disc brake system provides excellent brake performance. The compact structure, small deflection, and dust-proof and water-proof design of the casting steering axle endow the forklift with long service life and working reliability.

Advanced AC motor

Compared with DC motor, the maximum speed of AC motor is higher, which is more compact yet more powerful. With faster start-up response, the forklift can run at full speed over short distances. No need to replace the carbon brush or diverter, thus saving maintenance cost.

High Quality Lithium Battery

Standard equipped with Heding high quality lithium battery. Long service life, five-year warranty, zero pollution, maintenance free. 1.5-2 hours for full charge, more suitable for multi-shift work.

Electronic control system

Standard equipped with ZAPI electronic control system. The start, driving and loading are all controlled by electronic control system with high precision and efficiency, which has ramp braking and fault self-diagnosis functions.

Side-placed charging port

The lithium battery can operate at temperatures up to 55 C°. Under extreme cold temperatures, the battery can still maintain excellent discharge performance with optional self-heating function.

Ergonomic design

The lifting system is standard configured with buffering function, which ensures smooth landing of a load and better operation safety. And the enlarged cross section of the wide view mast makes the entire structure more stable.



WIDE VIEW MAST					
Mast model	Max. lifting height (mm)	Load capacity (load center 500mm) (kg)		Mast overall height (mm)	Mast tilting angle (front/rear)
		2t	2.5t		
M200	2000	2000	2500	1495	6/12
M250	2500	2000	2500	1745	6/12
M270	2700	2000	2500	1845	6/12
M300	3000	2000	2500	1995	6/12
M330	3300	2000	2500	2145	6/12
M350	3500	2000	2500	2245	6/12
M370	3700	2000	2500	2345	6/6
M400	4000	2000	2500	2545	6/12
M425	4250	1800 *2000	2200 *2500	2670	6/6 *6/12
M450	4500	1600 *1900	2100 *2400	2795	6/6 *6/12
M500	5000	1200 *1700	1600 *1900	3045	6/6 *6/6
M550	5500	950 *1500	1200 *1700	3345	*3/6
M600	6000	800 *1200	900 *1400	3595	*3/6

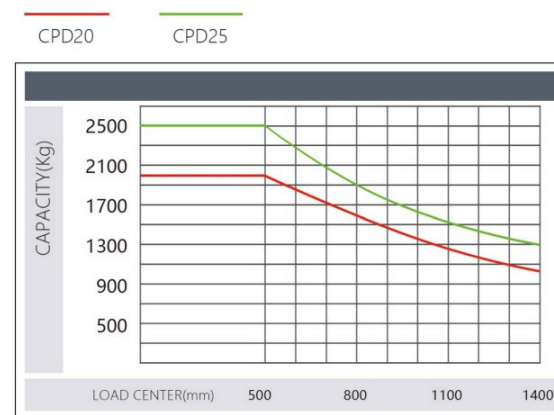
Note: (1)*refers to the load capacity of truck with dual tyres
(2)The service weight is the weight of truck with dual tyres:+110 kg
(3)Max. lifting height (backrest): +580mm

WIDE VIEW FULL FREE 2-STAGE MEST						
Mast model	Max. lifting height (mm)	Load capacity(load center 500mm)(kg)		Mast overall height(mm)	Free lifting height(with backrest) mm	Mast tilting angle (front/rear)
		2t	2.5t			
ZM200	2000	2000	2500	1495	495	6/12
ZM250	2500	2000	2500	1745	745	6/12
ZM300	3000	2000	2500	1995	995	6/12
ZM330	3300	2000	2500	2145	1145	6/12
ZM350	3500	2000	2500	2245	1245	6/6
ZM370	3700	2000	2500	2345	1370	6/6
ZM400	4000	2000	2500	2545	1545	6/12
ZM425	4250	1900 *2000	2250 *2500	2670	1670	6/6 *6/12
ZM450	4500	1800 *1900	2150 *2400	2795	1795	6/6 *6/6
ZM500	5000	1600 *1700	1650 *2200	3045	2045	*3/6
ZM550	5500	*1600	*1950	3345	2345	*3/6
ZM600	6000	*1500	*1800	3595	2595	*3/6

Note: (1)*refers to the load capacity of truck with dual tyres
(2)The service weight is the weight of truck with dual tyres:+110kg
(3)Free lifting height (without backrest): +435mm

WIDE VIEW FULL FREE 3-STAGE MAST						
Mast model	Max. lifting height (mm)	Load capacity(load center 500mm) (kg)		Mast overall height(mm)	Free lifting height (with backrest) mm	Mast tilting angle (front/rear)
		2t	2.5t	2-2.5t	2-2.5t	
ZSM360	3600	2000	2500	1695	655	6/6
ZSM400	4000	2000	2500	1860	788	6/6
ZSM435	4350	1750 *1900	1950 *2300	1945	905	6/6 *6/6
ZSM450	4500	1600 *1800	1700 *2200	1995	995	6/6 *6/6
ZSM480	4800	1250 *1700	1500 *2000	2095	1055	6/6 *6/6
ZSM500	5000	1100 *1600	1300 *1800	2165	1121	6/6 *6/6
ZSM550	5500	850 *1300	1100 *1600	2330	1288	3/6 *3/6
ZSM600	6000	700 *1100	800 *1300	2550	1505	3/6 *3/6

Note: (1)*refers to the load capacity of truck with dual tyres
(2)The service weight is the weight of truck with dual tyres:+110kg
(3)Free lifting height (without backrest): +435mm



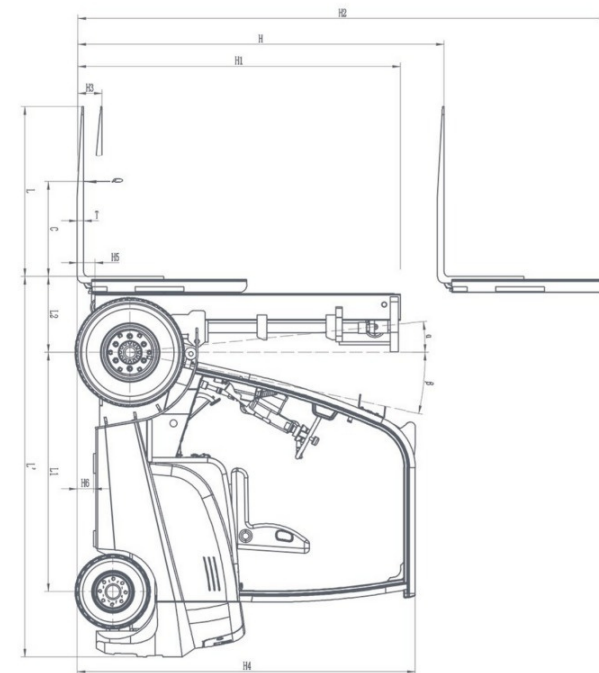
NOTE:

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.



ManuFacter's Data and Design Characteristics

Characteristics				
1.01	Manufacturer			
1.02	Model			
1.03	Rated Capacity	Q	kg	CPD2020002500
1.04	Load Center Distance	C	mm	500500
1.05	Power Type			Lthium BatteryLthium Battery
1.06	Driving Type			SeatedSeated
1.07	Wheel Base	L1	mm	15001500
Tyres				
2.01	Tyre Type			PneumaticPneumatic
2.02	Wheel Number (front/rear)			2x/22x/2
2.03	Front tread	W3	mm	970970
2.04	Rear tread	W2	mm	950950
2.05	Tyre (front)			7.00-12-12PR7.00-12-12PR
2.06	Tyre (rear)			18X7-8PR18X7-8PR
Size				
3.01	Front Overhang	L2	mm	468468
3.02	Mast Tilting Angle, Front/Rear	α/β	°	6/126/12
3.03	Height with Mast Retraction	H1	mm	19951995
3.04	Free Lifting Height	H3	mm	150150
3.05	Max. Lifting Height	H	mm	30003000
3.06	Max. Height After Lifting	H2	mm	40454045
3.07	Overall Guard Height	H4	mm	20982098
3.08	Fork Size: Length x Width x Thickness	L x W x T	mm	1070 x 100 x 401070 x 120 x 40
3.09	Overall Length (Fork Excluded)	L'	mm	23532353
3.10	Overall Width	W1	mm	11701170
3.11	Turning Radius	r	mm	21722172
3.12	Ground Clearance of Mast	H5	mm	110110
3.13	Ground clearance of wheel base center (loaded)	H6	mm	105105
3.14	Right Angle Stacking Aisle Width (Pallet 1000 x 1000mm, Clearance 200mm)	Ast	mm	40404040
3.15	Right Angle Stacking Aisle Width (Pallet 1200 x 1200mm, Clearance 200mm)	Ast	mm	42404240
3.16	Lateral Fork Adjustment Max./Min.	W5	mm	1038/2001038/240
Performance				
4.01	Traveling Speed (Loaded/Unloaded)		km/h	12/1412/14
4.02	Lifting Speed (Loaded/Unloaded)		mm/s	320/450320/450
4.03	Lowering Speed		mm/s	<600<600
4.04	Gradeability (loaded)		%	1212
Weight				
5.01	Total Weight		Kg	42144270
Lithium Battery				
6.01	Lithium Battery Voltage / capacity		V/Ah	80/20280/230
6.02	Lithium Battery weight (with battery box)		Kg	715750
Motor and controller				
7.01	Driving motor power-60 minutes		Kw	11
7.02	Lifting motor power (S3 15%)		Kw	12
7.03	Driving motor control mode			AC
7.04	Lifting motor control mode			AC
7.05	Service brake / parking brake			Hydraulic / Mechanical
7.06	Hydraulic system working pressure		Mpa	17.5





Advanced AC motor

Compared with DC motor, the maximum speed of AC motor is higher, which is more compact yet more powerful. With faster start-up response, the forklift can run at full speed over short distances. No need to replace carbon brush or diverter, thus saving maintenance cost.



High Quality Lithium Battery

Standard equipped with Heding high quality lithium battery. Long service life, five-year warranty, zero pollution, maintenance free. 1.5-2 hours for full charge, more suitable for multi-shift work.



Electronic control system

Standard equipped with ZAPI electronic control system. The start, driving and loading are all controlled by electronic control system with high precision and efficiency, which has ramp braking and fault self-diagnosis functions.



Reinforced Components

The maintenance-free wet disc brake system provides excellent brake performance. The compact structure, small deflection, and dust-proof and water-proof design of the casting steering axle endow the forklift with long service life and working reliability.

3-4t

K SERIES LITHIUM BATTERY POWERED COUNTERBALANCE FORKLIFT

Side-placed charging port

The lithium battery can operate at temperatures up to 55 C°. Under extreme cold temperatures, the battery can still maintain excellent discharge performance with optional self-heating function.

Flexible steering system

The dynamic load sensing priority steering system ensures faster steering response. The frame is connected to the steering axle in suspension, ensuring excellent vibration damping performance, and more stable driving.



WIDE VIEW MAST								
Mast model	Max. lifting height (mm)	Load capacity (load center 500mm) (kg)			Mast overall height (mm)			Mast tilting angle (front/rear)
		3t	3.5t	4t	3t	3.5t	4t	
M200	2000	3000	3500	4000	1565	1565	1650	6/12
M250	2500	3000	3500	4000	1815	1815	1900	6/12
M270	2700	3000	3500	4000	1915	1915	2000	6/12
M300	3000	3000	3500	4000	2065	2065	2150	6/12
M330	3300	3000	3500	4000	2215	2215	2300	6/12
M350	3500	3000	3500	4000	2315	2315	2400	6/12
M370	3700	3000	3500	4000	2415	2415	2500	6/6
M400	4000	3000	3300 *3500	4000	2615	2615	2700	6/6 *6/12
M425	4250	2850 *3000	3200 *3500	3800	2740	2740	2825	6/6 *6/12
M450	4500	2600 *3000	2900 *3100	3500	2865	2865	2950	6/6 *6/12
M500	5000	2100 *2850	2400 *2750	3200	3115	3115	3200	6/6 *6/6
M550	5500	*2400	1800 *2400	2600	3415	3415	3500	*3/6
M600	6000	*2200	1400 *2200	2400	3665	3665	3750	*3/6

Note: (1)*refers to the load capacity of truck with dual tyres

WIDE VIEW FULL FREE 2-STAGE MEST											
Mast model	Max. lifting height (mm)	Load capacity(load center 500mm)(kg)			Mast overall height(mm)			Free lifting height(with backrest) mm			Mast tilting angle (front/rear)
		3t	3.5t	4t	3t	3.5t	4t	3t	3.5t	4t	
ZM200	2000	3000	3500	4000	1565	1565	1650	325	325	413	6/12
ZM250	2500	3000	3500	4000	1815	1815	1900	575	575	663	6/12
ZM300	3000	3000	3500	4000	2065	2065	2150	825	825	913	6/12
ZM330	3300	3000	3500	4000	2215	2215	2300	975	975	1063	6/12
ZM350	3500	3000	3500	4000	2315	2315	2400	1075	1075	1163	6/6 *6/12
ZM370	3700	2850 *3000	3500	4000	2415	2415	2500	1175	1175	1263	6/6 *6/12
ZM400	4000	2700 *3000	3200 *3500	4000	2615	2615	2700	1375	1375	1413	6/6 *6/12
ZM425	4250	2550 *2850	3100 *3200	3800	2740	2740	2825	1500	1500	1538	6/6 *6/12
ZM450	4500	2400 *2700	3000 *3050	3500	2865	2865	2950	1625	1625	1663	6/6 *6/6
ZM500	5000	2000 *2400	2500 *2850	3200	3115	3115	3200	1875	1875	1913	*3/6
ZM550	5500	1600 *2200	*2500	2600	3415	3415	3500	2175	2175	2163	*3/6
ZM600	6000	1200 *1900	*2300	2400	3665	3665	3750	2475	2475	2413	*3/6

Note: (1)*refers to the load capacity of truck with dual tyres
 (2)The service weight is the weight of truck with dual tyres:+110kg
 (3)Free lifting height (without backrest) 3-3.5T: +580mm; 4T: +535mm

WIDE VIEW FULL FREE 3-STAGE MAST											
Mast model	Max. lifting height (mm)	Load capacity(load center 500mm) (kg)			Mast overall height(mm)			Free lifting height (with backrest) mm			Mast tilting angle (front/rear)
		3t	3.5t	4t	3t	3.5t	4t	3t	3.5t	4t	
ZSM360	3600	3000	3500	4000	1765	1765	1860	528	528	623	6/6 *6/6
ZSM400	4000	3000	3500	4000	1898	1898	1993	661	661	756	6/6 *6/6
ZSM435	4350	2800 *2850	3100 *3200	3300 *4000	2015	2015	2110	778	778	873	6/6 *6/6
ZSM450	4500	2500 *2700	2800 *3000	3000 *3500	2065	2065	2160	828	828	923	6/6 *6/6
ZSM480	4800	2250 *2450	2500 *2750	2700 *3200	2165	2165	2260	928	928	1023	6/6 *6/6
ZSM500	5000	2100 *2300	2300 *2600	2500 *3000	2232	2232	2327	995	995	1090	6/6 *6/6
ZSM550	5500	1600 *2100	1700 *2300	2000 *2500	2398	2398	2493	1161	1161	1256	3/6 *3/6
ZSM600	6000	1200 *1900	1300 *2100	1500 *2300	2615	2615	2710	1378	1378	1473	3/6 *3/6

Note: (1)*refers to the load capacity of truck with dual tyres
 (2)The service weight is the weight of truck with dual tyres:+110kg
 (3)Free lifting height (without backrest) 3-3.5T: +580mm; 4T: +535mm



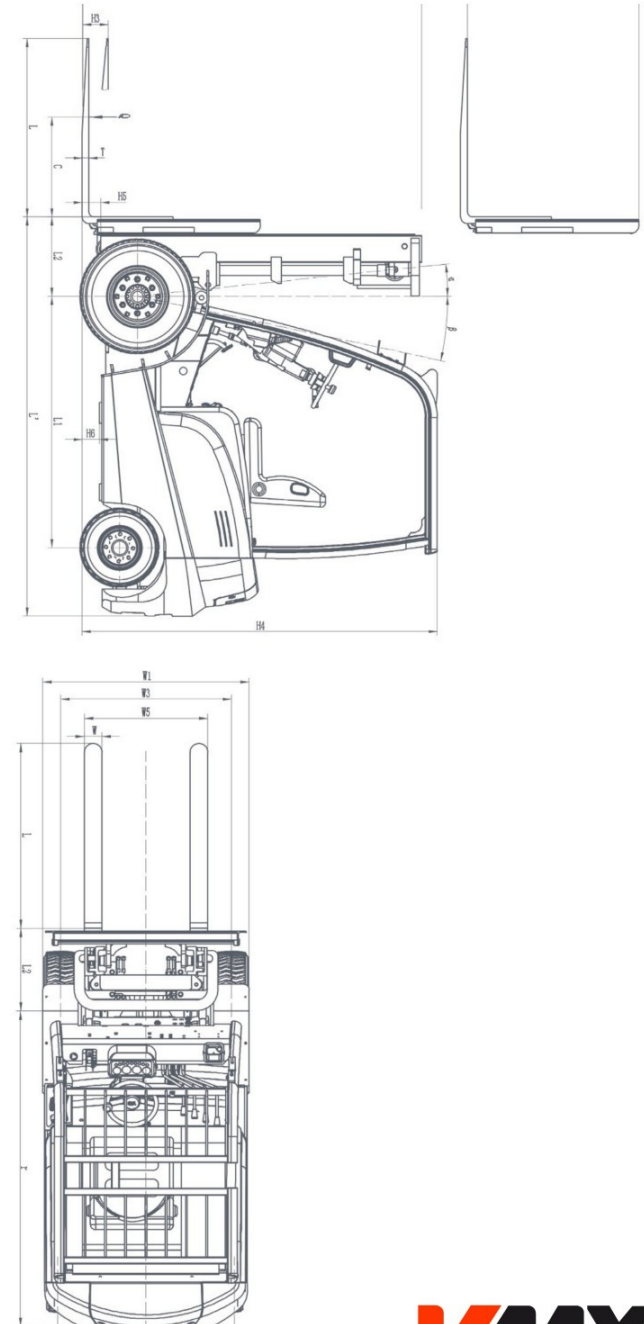
NOTE:

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.

Manufacturer's Data and Design Characteristics

Characteristics							
1.01	Manufacturer						
1.02	Model			CPD30	CPD35	CPD40	
1.03	Rated Capacity		Q	kg	3000	3500	4000
1.04	Load Center Distance		C	mm	500	500	500
1.05	Power Type				Lithium Battery	Lithium Battery	Lithium Battery
1.06	Driving Type				Seated	Seated	Seated
1.07	Wheel Base		L1	mm	1600	1600	1800
Tyres							
2.01	Tyre Type				Pneumatic	Pneumatic	Pneumatic
2.02	Wheel Number (front/rear)				2x/2	2x/2	2x/2
2.03	Front Tread		W3	mm	1000	1000	1160
2.04	Rear Tread		W2	mm	970	970	970
2.05	Tyre (front)				28X9-15-12PR	28X9-15-12PR	250-15-12PR
2.06	Tyre (rear)				18X7-8-14PR	18X7-8-14PR	18X7-8-16PR
Size							
3.01	Front Overhang		L2	mm	475	475	520
3.02	Mast Tilting Angle, Front/Rear		α/β	°	6/12	6/12	6/12
3.03	Height with Mast Retraction		H1	mm	2025	2025	2150
3.04	Free Lifting Height		H3	mm	150	150	150
3.05	Max. Lifting Height		H	mm	3000	3000	3000
3.06	Max. Height After Lifting		H2	mm	4160	4160	4272
3.07	Overall Guard Height		H4	mm	2092	2092	2092
3.08	Fork Size: Length x Width x Thickness		L x W x T	mm	1070 x 125 x 45	1070 x 125 x 50	1070 x 125 x 50
3.09	Overall Length (Fork Excluded)		L'	mm	2507	2507	2690
3.10	Overall Width		W1	mm	1220	1220	1420
3.11	Turning Radius		r	mm	2360	2360	2550
3.12	Ground Clearance of Mast		H5	mm	120	120	130
3.13	Ground Clearance of Wheel Base Center (Loaded)		H6	mm	130	130	130
3.14	Right Angle Stacking Aisle Width (Pallet 1000 x 1000mm, Clearance		Ast	mm	4105	4105	4250
3.15	Right Angle Stacking Aisle Width (Pallet 1200 x 1200mm, Clearance		Ast	mm	4305	4305	4450
3.16	Lateral Fork Adjustment Max./Min.		W5	mm	1100/250	1100/250	1300/250
Performance							
4.01	Traveling Speed (Loaded/Unloaded)			km/h	14/15	14/15	12/13
4.02	Lifting Speed (Loaded/Unloaded)			mm/s	300/400	300/400	250/350
4.03	Lowering Speed			mm/s	<600	<600	<600
4.04	Gradeability (loaded)			%	14	14	14
Weight							
5.01	Total Weight			Kg	4950	5240	5340
Lithium Battery							
6.01	Lithium Battery Voltage / Capacity			V/Ah	80/280	80/346	80/346
6.02	Lithium Battery Weight			Kg	1125	1170	1170
Motor and Controller							
7.01	Driving Motor Power-60 minutes			Kw		16.6	
7.02	Lifting Motor Power (S3 15%)			Kw		13.5	
7.03	Driving Motor Control Mode					AC	
7.04	Lifting Motor Control Mode					AC	
7.05	Service Brake/Parking Brake				Hydraulic / Mechanical		
7.06	Hydraulic System Working Pressure			Mpa	17.5	17.5	20

Note: (1) Detailed information about battery, please contact our salesmen



VMAX
USA



1-1.8t

H SERIES LITHIUM BATTERY POWERED COUNTERBALANCE FORKLIFT

High quality lithium battery

Standard equipped with Heding high quality lithium battery. Long service life, five-year's warranty, zero pollution, maintenance free, 1.5-2 hours for full charge, more suitable for multi-shift work.



Large LCD screen

The large LCD screen can directly display the operating state of the vehicle. It also has the function of fault display and maloperation alarm.



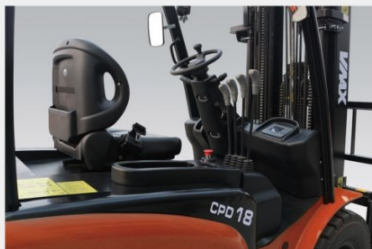
Enclosed protection

The control levers are placed on the right side of seat. The lower parts of control board, including multi-way valve and cardan joint, are protected by shielding panel from dust damage.



Ergonomic design

The lifting system is standard configured with buffering function, which ensures soothing landing of a load and better operation safety. And the enlarged cross section of the wide view mast makes the entire structure more stable.



Side-placed charging port

The lithium battery can operate at temperatures up to 55°C. Under extreme cold temperatures, the battery can still maintain excellent discharge performance with optional self-heating function.

Improved safety performance

High-mounted rear axle construction improves the machine's lateral stability.

Optional steering speed control makes the operation more safety.





WIDE VIEW MAST

Mast model	Max. lifting height (mm)	Load capacity (load center 500mm) (kg)			Mast overall height (mm)	Mast tilting angle (front/rear)
		1t	1.5t	1.8t		
M200	2000	1000	1500	1800	1490	6/12
M250	2500	1000	1500	1800	1740	6/12
M270	2700	1000	1500	1800	1840	6/12
M300	3000	1000	1500	1800	1990	6/12
M330	3300	1000	1500	1700	2140	6/12
M350	3500	1000	1500	1600	2240	6/12
M370	3700	1000	1500	1600	2340	6/6
M400	4000	1000	1500	1600	2540	6/6
M425	4250	900	1300	1400	2665	6/6
		*1000	*1500	*1600		6/6
M450	4500	*900	*1300	*1400	2790	6/6
M500	5000	*800	*1200	*1300	3040	6/6
M550	5500	*600	*1100	*1200	3340	6/6
M600	6000	*450	*650	*800	3590	3/6

Note: (1)*refers to the load capacity of truck with dual tyres
 (2)The service weight is the weight of truck with dual tyres:+110 kg
 (3)Max. lifting height (backrest): +580mm

WIDE VIEW FULL FREE 2-STAGE MAST

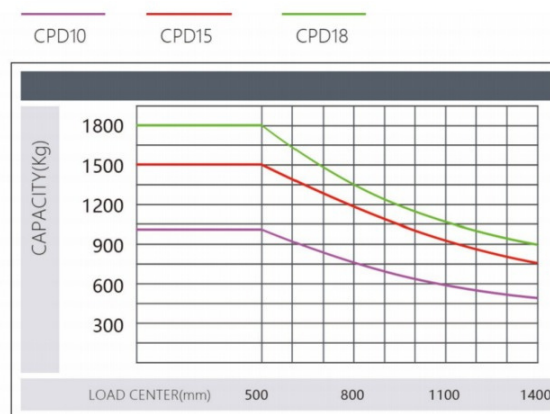
Mast model	Max. lifting height (mm)	Load capacity(load center 500mm)(kg)			Mast overall height(mm)	Free lifting height(with backrest) mm	Mast tilting angle (front/rear)
		1t	1.5t	1.8t		1-1.8t	
ZM200	2000	1000	1500	1800	1490	475	6/12
ZM250	2500	1000	1500	1800	1740	725	6/12
ZM300	3000	1000	1500	1800	1990	975	6/12
ZM330	3300	1000	1500	1700	2140	1125	6/12
ZM350	3500	1000	1500	1600	2240	1225	6/6
ZM370	3700	1000	1500	1600	2340	1250	6/6
ZM400	4000	1000	1500	1600	2540	1525	6/6
ZM425	4250	900	1300	1400	2665	1650	6/6
		*1000	*1500	*1600			6/6
ZM450	4500	*900	*1300	*1400	2790	1775	6/6
ZM500	5000	*800	950	1050	3040	2025	6/6
		*1150	*1300	*1250			3/6
ZM550	5500	*600	*1000	*1100	3340	2325	3/6
ZM600	6000	*450	*650	*750	3590	2575	3/6

Note: (1)*refers to the load capacity of truck with dual tyres
 (2)The service weight is the weight of truck with dual tyres:+110kg
 (3)Free lifting height (without backrest) : +514mm

WIDE VIEW FULL FREE 3-STAGE MAST

Mast model	Max. lifting height (mm)	Load capacity(load center 500mm) (kg)			Mast overall height(mm)	Free lifting height (with backrest) mm	Mast tilting angle (front/rear)
		1t	1.5t	1.8t		1-1.8t	
ZSM360	3600	1000	1500	1700	1690	676	6/6
ZSM400	4000	800	1300	1600	1825	810	6/6
ZSM435	4350	700	1200	1500	1940	926	6/6
ZSM450	4500	650	1150	1400	1990	976	6/6
ZSM480	4800	600	1100	1300	2090	1076	6/6
ZSM500	5000	500	1000	1200	2155	1145	6/6
ZSM550	5500	400	900	950	2380	1360	6/6
		*500	*1000	*1100			3/6
ZSM600	6000	200	600	650	2550	1526	6/6
		*450	*800	*900			3/6

Note: (1)*refers to the load capacity of truck with dual tyres
 (2)The service weight is the weight of truck with dual tyres:+110kg
 (3)Free lifting height (without backrest) : +514mm



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.

ManuFacter's Data and Design Characteristics

Characteristics

1.01	Manufacturer					
1.02	Model			CPD10	CPD15	CPD18
1.03	Rated Capacity	Q	kg	1000	1500	1800
1.04	Load Center Distance	C	mm	500	500	500
1.05	Power Type			Lthium Battery	Lthium Battery	Lthium Battery
1.06	Driving Type			Seated	Seated	Seated
1.07	Wheel Base	L1	mm	1360	1360	1360

Tyres

2.01	Tyre Type			Pneumatic	Pneumatic	Pneumatic
2.02	Wheel Number (front/rear)			2x/2	2x/2	2x/2
2.03	Front Tread	W3	mm	912	912	912
2.04	Rear Tread	W2	mm	920	920	920
2.05	Tyre (front)			6.50-10-12PR	6.50-10-12PR	6.50-10-12PR
2.06	Tyre (rear)			5.00-8-8PR	5.00-8-8PR	5.00-8-8PR

Size

3.01	Front Overhang	L2	mm	400	400	400
3.02	Mast Tilting Angle, Front/Rear	α/β	°	6/12	6/12	6/12
3.03	Height with Mast Retraction	H1	mm	1995	1995	1995
3.04	Free Lifting Height	H3	mm	140	140	140
3.05	Max. Lifting Height	H	mm	3000	3000	3000
3.06	Max. Height After Lifting	H2	mm	4025	4025	4025
3.07	Overall Guard Height	H4	mm	2100	2100	2100
3.08	Fork Size: Length x Width x Thickness	L x W x T	mm	1070 x 100 x 32	1070 x 100 x 35	1070 x 100 x 35
3.09	Overall Length (Fork Excluded)	L'	mm	2035	2035	2035
3.10	Overall Width	W1	mm	1090	1090	1090
3.11	Turning Radius	r	mm	1997	1997	1997
3.12	Ground Clearance of Mast	H5	mm	105	105	105
3.13	Ground clearance of wheel base center (loaded)	H6	mm	115	115	115
3.14	Right Angle Stacking Aisle Width (Pallet 1000 x 1000mm, Clearance 200mm)	Ast	mm	3797	3797	3797
3.15	Right Angle Stacking Aisle Width (Pallet 1200 x 1200mm, Clearance 200mm)	Ast	mm	3997	3997	3997
3.16	Lateral Fork Adjustment Max./Min.	W5	mm	970/200	970/200	970/200

Performance

4.01	Traveling Speed (Loaded/Unloaded)		km/h	13/15	13/15	13/15
4.02	Lifting Speed (Loaded/Unloaded)		mm/s	240/450	240/450	240/450
4.03	Lowering Speed		mm/s	<600	<600	<600
4.04	Gradeability (loaded)		%	12	12	12

Weight

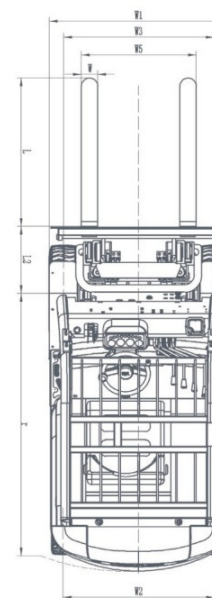
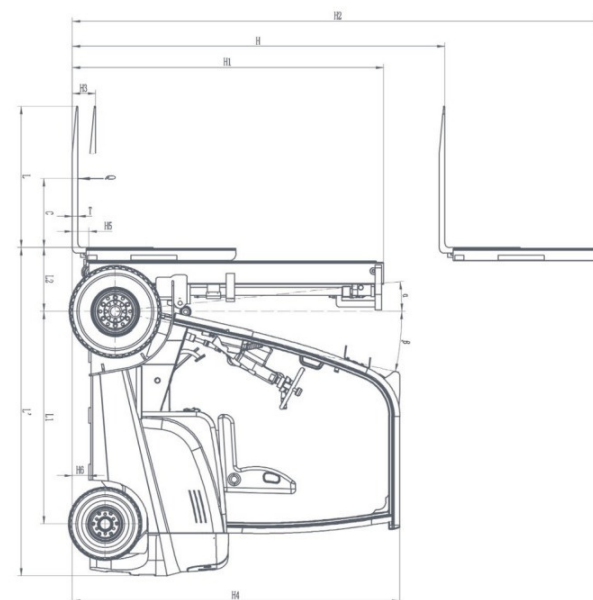
5.01	Total Weight		Kg	2960	3120	3200
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Lithium Battery

6.01	Lithium Battery Voltage / capacity		V/Ah	80/150	80/150	80/173
6.02	Lithium Battery weight (with battery box)		Kg	580	580	640

Motor and controller

7.01	Driving motor power-60 minutes		Kw		8	
7.02	Lifting motor power (S3 15%)		Kw		10	
7.03	Driving motor control mode				AC	
7.04	Lifting motor control mode				AC	
7.05	Service brake / parking brake				Hydraulic / Mechanical	
7.06	Hydraulic system working pressure		Mpa		17.5	





2-2.5t

H SERIES LITHIUM BATTERY POWERED COUNTERBALANCE FORKLIFT

Reinforced components

The maintenance-free wet disc brake system provides excellent brake performance. The compact structure, small deflection, and dust-proof and water-proof design of the casting steering axle endow the forklift with long service life and working reliability



Enclosed protection

The control levers are placed on the right side of seat. The lower parts of control board, including multi-way valve and cardan joint, are protected by shielding panel from dust damage.



High quality lithium battery

Standard equipped with Heding high quality lithium battery. Long service life, five-year's warranty, zero pollution, maintenance free, 1.5-2 hours for full charge, more suitable for multi-shift work.



Electronic control system

Standard equipped with ZAPI electronic control system. The start, driving and loading are all controlled by electronic control system with high precision and efficiency, which has ramp braking and fault self-diagnosis functions.



Side-placed charging port

The lithium battery can operate at temperatures up to 55°C. Under extreme cold temperatures, the battery can still maintain excellent discharge performance with optional self-heating function.

Ergonomic design

The lifting system is standard configured with buffering function, which ensures smooth landing of a load and better operation safety. And the enlarged cross section of the wide view mast makes the entire structure more stable.



WIDE VIEW MAST					
Mast model	Max. lifting height (mm)	Load capacity (load center 500mm) (kg)		Mast overall height (mm)	Mast tilting angle (front/rear)
		2t	2.5t		
M200	2000	2000	2500	1495	6/12
M250	2500	2000	2500	1745	6/12
M270	2700	2000	2500	1845	6/12
M300	3000	2000	2500	1995	6/12
M330	3300	2000	2500	2145	6/12
M350	3500	2000	2500	2245	6/12
M370	3700	2000	2500	2345	6/6
M400	4000	2000	2500	2545	6/6
M425	4250	1800 *2000	2200 *2500	2670	6/6 *6/12
M450	4500	1600 *1900	2100 *2400	2795	6/6 *6/12
M500	5000	1200 *1700	1600 *1900	3045	6/6 *6/6
M550	5500	950 *1500	1200 *1700	3345	*3/6
M600	6000	800 *1200	900 *1400	3595	*3/6

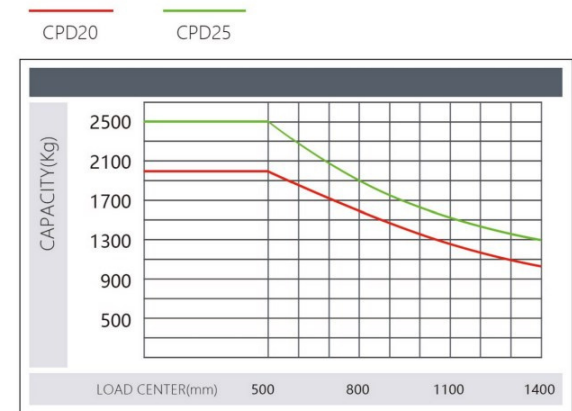
Note: (1)*refers to the load capacity of truck with dual tyres
(2)The service weight is the weight of truck with dual tyres: +110 kg
(3)Max. lifting height (backrest): +580mm

WIDE VIEW FULL FREE 2-STAGE MEST						
Mast model	Max. lifting height (mm)	Load capacity(load center 500mm)(kg)		Mast overall height(mm)	Free lifting height(with backrest) mm	Mast tilting angle (front/rear)
		2t	2.5t	2-2.5t	2-2.5t	
ZM200	2000	2000	2500	1495	495	6/12
ZM250	2500	2000	2500	1745	745	6/12
ZM300	3000	2000	2500	1995	995	6/12
ZM330	3300	2000	2500	2145	1145	6/12
ZM350	3500	2000	2500	2245	1245	6/6
ZM370	3700	2000	2500	2345	1370	6/6
ZM400	4000	2000	2500	2545	1545	6/6
ZM425	4250	1900 *2000	2250 *2500	2670	1670	6/6 *6/12
ZM450	4500	1800 *1900	2150 *2400	2795	1795	6/6 *6/6
ZM500	5000	1600 *1700	1650 *2200	3045	2045	*3/6
ZM550	5500	*1600	*1950	3345	2345	*3/6
ZM600	6000	*1500	*1800	3595	2595	*3/6

Note: (1)*refers to the load capacity of truck with dual tyres
(2)The service weight is the weight of truck with dual tyres: +110kg
(3)Free lifting height (without backrest): +435mm

WIDE VIEW FULL FREE 3-STAGE MAST						
Mast model	Max. lifting height (mm)	Load capacity(load center 500mm) (kg)		Mast overall height(mm)	Free lifting height (with backrest) mm	Mast tilting angle (front/rear)
		2t	2.5t	2-2.5t	2-2.5t	
ZSM360	3600	2000	2500	1695	655	6/6 *6/6
ZSM400	4000	2000	2500	1860	788	6/6 *6/6
ZSM435	4350	1750 *1900	1950 *2300	1945	905	6/6 *6/6
ZSM450	4500	1600 *1800	1700 *2200	1995	995	6/6 *6/6
ZSM480	4800	1250 *1700	1500 *2000	2095	1055	6/6 *6/6
ZSM500	5000	1100 *1600	1300 *1800	2165	1121	6/6 *6/6
ZSM550	5500	850 *1300	1100 *1600	2330	1288	3/6 *3/6
ZSM600	6000	700 *1100	800 *1300	2550	1505	3/6 *3/6

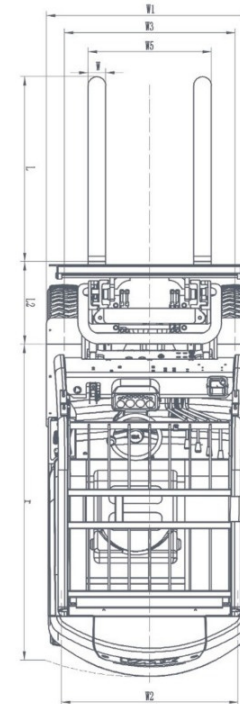
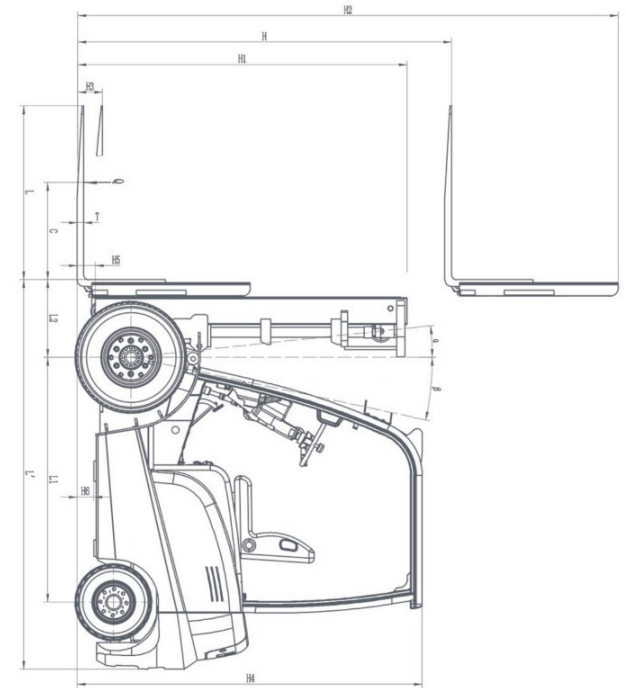
Note: (1)*refers to the load capacity of truck with dual tyres
(2)The service weight is the weight of truck with dual tyres: +110kg
(3)Free lifting height (without backrest): +435mm



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.

ManuFacter's Data and Design Characteristics					
Characteristics					
1.01	Manufacturer				
1.02	Model				
1.03	Rated Capacity	Q	kg	CPD20	CPD25
1.04	Load Center Distance	C	mm	2000	2500
1.05	Power Type			500	500
1.06	Driving Type			Lthium Battery	Lthium Battery
1.07	Wheel Base			Seated	Seated
		L1	mm	1500	1500
Tyres					
2.01	Tyre Type			Pneumatic	Pneumatic
2.02	Wheel Number (front/rear)			2x/2	2x/2
2.03	Front Tread	W3	mm	970	970
2.04	Rear Tread	W2	mm	950	950
2.05	Tyre (front)			7.00-12-12PR	7.00-12-12PR
2.06	Tyre (rear)			18X7-8PR	18X7-8PR
Size					
3.01	Front Overhang	L2	mm	468	468
3.02	Mast Tilting Angle, Front/Rear	α/β	°	6/12	6/12
3.03	Height with Mast Retraction	H1	mm	1995	1995
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	4045	4045
3.07	Overall Guard Height	H4	mm	2098	2098
3.08	Fork Size: Length x Width x Thickness	L x W x T	mm	1070 x 100 x 40	1070 x 120 x 40
3.09	Overall Length (Fork Excluded)	L'	mm	2353	2353
3.10	Overall Width	W1	mm	1170	1170
3.11	Turning Radius	r	mm	2172	2172
3.12	Ground Clearance of Mast	H5	mm	110	110
3.13	Ground clearance of wheel base center (loaded)	H6	mm	105	105
3.14	Right Angle Stacking Aisle Width (Pallet 1000 x 1000mm, Clearance 200mm)	Ast	mm	4040	4040
3.15	Right Angle Stacking Aisle Width (Pallet 1200 x 1200mm, Clearance 200mm)	Ast	mm	4240	4240
3.16	Lateral Fork Adjustment Max./Min.	W5	mm	1038/200	1038/240
Performance					
4.01	Traveling Speed (Loaded/Unloaded)		km/h	12/14	12/14
4.02	Lifting Speed (Loaded/Unloaded)		mm/s	320/450	320/450
4.03	Lowering Speed		mm/s	<600	<600
4.04	Gradeability (loaded)		%	12	12
Weight					
5.01	Total Weight		Kg	4214	4270
Lithium Battery					
6.01	Lithium Battery Voltage / capacity		V/Ah	80/202	80/230
6.02	Lithium Battery weight (with battery box)		Kg	715	750
Motor and controller					
7.01	Driving motor power-60 minutes		Kw	11	
7.02	Lifting motor power (S3 15%)		Kw	12	
7.03	Driving motor control mode			AC	
7.04	Lifting motor control mode			AC	
7.05	Service brake / parking brake			Hydraulic / Mechanical	
7.06	Hydraulic system working pressure		Mpa	17.5	



VMAX
USA



3-4t

H SERIES LITHIUM BATTERY POWERED COUNTERBALANCE FORKLIFT



Enclosed protection

The control levers are placed on the right side of seat. The lower parts of control board, including multi-way valve and cardan joint, are protected by shielding panel from dust damage.



High quality lithium battery

Standard equipped with Heding high quality lithium battery. Long service life, five-year's warranty, zero pollution, maintenance free, 1.5-2 hours for full charge, more suitable for multi-shift work.



Electronic control system

Standard equipped with ZAPI electronic control system. The start, driving and loading are all controlled by electronic control system with high precision and efficiency, which has ramp braking and fault self-diagnosis functions.



Reinforced components

The maintenance-free wet disc brake system provides excellent brake performance. The compact structure, small deflection, and dust-proof and water-proof design of the casting steering axle endow the forklift with long service life and working reliability

Side-placed charging port

The lithium battery can operate at temperatures up to 55°C. Under extreme cold temperatures, the battery can still maintain excellent discharge performance with optional self-heating function.

Flexible steering system

The dynamic load sensing priority steering system ensures faster steering response. The frame is connected to the steering axle in suspension, ensuring excellent vibration damping performance, and more stable driving.



WIDE VIEW MAST								
Mast model	Max. lifting height (mm)	Load capacity (load center 500mm) (kg)			Mast overall height (mm)			Mast tilting angle (front/rear)
		3t	3.5t	4t	3t	3.5t	4t	
M200	2000	3000	3500	4000	1565	1565	1650	6/12
M250	2500	3000	3500	4000	1815	1815	1900	6/12
M270	2700	3000	3500	4000	1915	1915	2000	6/12
M300	3000	3000	3500	4000	2065	2065	2150	6/12
M330	3300	3000	3500	4000	2215	2215	2300	6/12
M350	3500	3000	3500	4000	2315	2315	2400	6/12
M370	3700	3000	3500	4000	2415	2415	2500	6/6
M400	4000	3000	3300	4000	2615	2615	2700	6/6
M425	4250	2850	3200	3800	2740	2740	2825	6/6
M450	4500	2600	2900	3500	2865	2865	2950	6/6
M500	5000	2100	2400	3200	3115	3115	3200	6/6
M550	5500	1600	1800	2600	3415	3415	3500	3/6
M600	6000	1200	1400	2400	3665	3665	3750	3/6

Note: (1)*refers to the load capacity of truck with dual tyres
(2)The service weight is the weight of truck with dual tyres:+110 kg
(3)Max. lifting height (backrest): +580mm

WIDE VIEW FULL FREE 2-STAGE MAST											
Mast model	Max. lifting height (mm)	Load capacity(load center 500mm)(kg)			Mast overall height(mm)			Free lifting height(with backrest) mm			Mast tilting angle (front/rear)
		3t	3.5t	4t	3t	3.5t	4t	3t	3.5t	4t	
ZM200	2000	3000	3500	4000	1565	1565	1650	325	325	413	6/12
ZM250	2500	3000	3500	4000	1815	1815	1900	575	575	663	6/12
ZM300	3000	3000	3500	4000	2065	2065	2150	825	825	913	6/12
ZM330	3300	3000	3500	4000	2215	2215	2300	975	975	1063	6/12
ZM350	3500	3000	3500	4000	2315	2315	2400	1075	1075	1163	6/6
ZM370	3700	2850	3500	4000	2415	2415	2500	1175	1175	1263	6/6
ZM400	4000	2700	3200	4000	2615	2615	2700	1375	1375	1413	6/6
ZM425	4250	2550	3100	3800	2740	2740	2825	1500	1500	1538	6/6
ZM450	4500	2400	3000	3500	2865	2865	2950	1625	1625	1663	6/6
ZM500	5000	2000	2500	3200	3115	3115	3200	1875	1875	1913	3/6
ZM550	5500	1600	2200	2600	3415	3415	3500	2175	2175	2163	3/6
ZM600	6000	1200	1900	2400	3665	3665	3750	2475	2475	2413	3/6

Note: (1)*refers to the load capacity of truck with dual tyres
(2)The service weight is the weight of truck with dual tyres:+110kg
(3)Free lifting height (without backrest) 3-3.5T: +580mm; 4T: +535mm

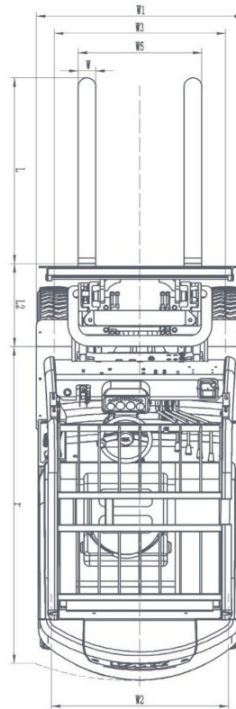
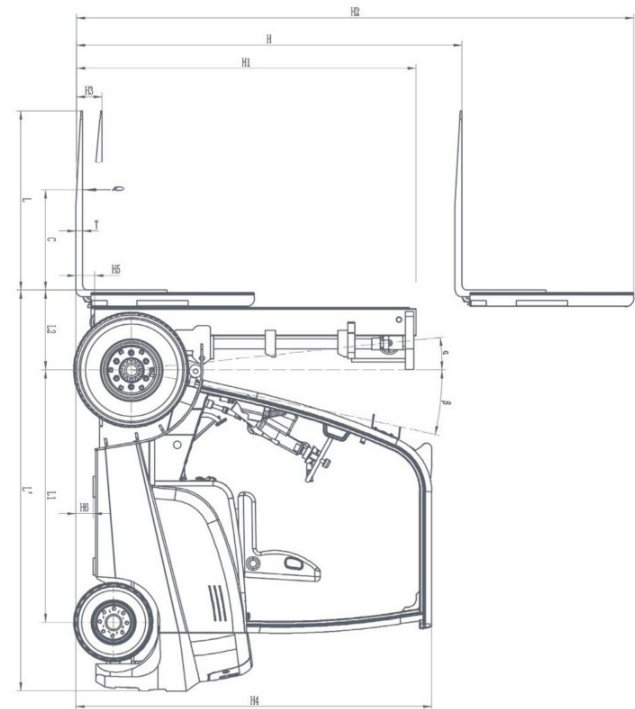
WIDE VIEW FULL FREE 3-STAGE MAST											
Mast model	Max. lifting height (mm)	Load capacity(load center 500mm) (kg)			Mast overall height(mm)			Free lifting height (with backrest) mm			Mast tilting angle (front/rear)
		3t	3.5t	4t	3t	3.5t	4t	3t	3.5t	4t	
ZSM360	3600	3000	3500	4000	1765	1765	1860	528	528	623	6/6
ZSM400	4000	3000	3500	4000	1898	1898	1993	661	661	756	6/6
ZSM435	4350	2800	3100	3300	2015	2015	2110	778	778	873	6/6
ZSM450	4500	2500	2800	3000	2065	2065	2160	828	828	923	6/6
ZSM480	4800	2250	2500	2700	2165	2165	2260	928	928	1023	6/6
ZSM500	5000	2100	2300	2500	2232	2232	2327	995	995	1090	6/6
ZSM550	5500	1600	1700	2000	2398	2398	2493	1161	1161	1256	3/6
ZSM600	6000	1200	1300	1500	2615	2615	2710	1378	1378	1473	3/6

Note: (1)*refers to the load capacity of truck with dual tyres
(2)The service weight is the weight of truck with dual tyres:+110kg
(3)Free lifting height (without backrest) 3-3.5T: +580mm; 4T: +535mm



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.

ManuFacter's Data and Design Characteristics					
Characteristics					
1.01 Manufacturer					
1.02 Model			CPD30	CPD35	CPD40
1.03 Rated Capacity	Q	kg	3000	3500	4000
1.04 Load Center Distance	C	mm	500	500	500
1.05 Power Type			Lthium Battery	Lthium Battery	Lthium Battery
1.06 Driving Type			Seated	Seated	Seated
1.07 Wheel Base	L1	mm	1600	1600	1600
Tyres					
2.01 Tyre Type			Pneumatic	Pneumatic	Pneumatic
2.02 Wheel Number (front/rear)			2x/2	2x/2	2x/2
2.03 Front Tread	W3	mm	1000	1000	1160
2.04 Rear Tread	W2	mm	970	970	970
2.05 Tyre (front)			28X9-15-12PR	28X9-15-12PR	250-15-12PR
2.06 Tyre (rear)			18X7-8-14PR	18X7-8-14PR	18X7-8-16PR
Size					
3.01 Front Overhang	L2	mm	475	475	520
3.02 Mast Tilting Angle, Front/Rear	α/β	°	6/12	6/12	12-Jun
3.03 Height with Mast Retraction	H1	mm	2025	2025	2150
3.04 Free Lifting Height	H3	mm	150	150	150
3.05 Max. Lifting Height	H	mm	3000	3000	3000
3.06 Max. Height After Lifting	H2	mm	4160	4160	4272
3.07 Overall Guard Height	H4	mm	2092	2092	2092
3.08 Fork Size: Length x Width x Thickness	L x W x T	mm	1070 x 125 x 45	1070 x 125 x 50	1070 x 125 x 50
3.09 Overall Length (Fork Excluded)	L'	mm	2507	2507	2690
3.10 Overall Width	W1	mm	1220	1220	1420
3.11 Turning Radius	r	mm	2360	2360	2550
3.12 Ground Clearance of Mast	H5	mm	120	120	130
3.13 Ground clearance of wheel base center (loaded)	H6	mm	130	130	130
3.14 Right Angle Stacking Aisle Width (Pallet 1000 x 1000mm, Clearance 200mm)	Ast	mm	4105	4105	4250
3.15 Right Angle Stacking Aisle Width (Pallet 1200 x 1200mm, Clearance 200mm)	Ast	mm	4305	4305	4450
3.16 Lateral Fork Adjustment Max./Min.	W5	mm	1100/250	1100/250	1300/250
Performance					
4.01 Traveling Speed (Loaded/Unloaded)		km/h	14/15	14/15	12/13
4.02 Lifting Speed (Loaded/Unloaded)		mm/s	300/400	300/400	250/350
4.03 Lowering Speed		mm/s	<600	<600	<600
4.04 Gradeability (loaded)		%	14	14	14
Weight					
5.01 Total Weight		Kg	4950	5240	5340
Lithium Battery					
6.01 Lithium Battery Voltage / capacity		V/Ah	80/280	80/346	80/346
6.02 Lithium Battery weight (with battery box)		Kg	1125	1170	1170
Motor and controller					
7.01 Driving motor power-60 minutes		Kw		16.6	
7.02 Lifting motor power (S3 15%)		Kw		13.5	
7.03 Driving motor control mode				AC	
7.04 Lifting motor control mode				AC	
7.05 Service brake / parking brake				Hydraulic / Mechanical	
7.06 Hydraulic system working pressure		Mpa	17.5	17.5	20



VMAX
USA



5-6t

H series Lithium Battery powered Counterbalance Forklift

Bright LED headlights

The headlight unit makes it safer to work at night.

Reinforced working device

Lifting unit is configured with 8-plate chain, greatly improving the operating safety with full load.

Ergonomic man-machine interactive system

The forklift is equipped with 4.3 inch LCD instrument. The speed, power, steering angle and other indicators are displayed in real-time.

Quick charging system

The large capacity lithium battery (76.8V 840AH), with national standard Double Gun charging pile (400A), ensures full charge in two hours.

Hydraulic dual exchange cooling system

The hydraulic oil tank are equipped with main and auxiliary tank. The oil capacity and cooling area are increased, thus ensuring the steady work of hydraulic system.

Steering angle control system

Angle potentiometer monitors and transfers the location of steering wheel to the control system, thus realizing steering speed control.

Optimized working configuration

Thanks to the standard wide-view and 3-stage free lifting mast, the rear chain enhances the operation vision by 12%.

Giant tyres, heavier load

The front driving wheel adopts 300-15 tyre with wide tread, which carries heavier loads.



WIDE VIEW MAST								
Mast model	Max.lifting height	Load capacity (load center 500mm)(kg)			Mast overall height(mm)			Mast tilting angle (front/rear)
		5.0t	5.5t	6.0t	5.0t	5.5t	6.0t	
M300	3000	5000	5500	6000	2330	2330	2330	6/12
M350	3500	5000	5400	5800	2580	2580	2580	6/12
M400	4000	4500	4850	5200	2880	2880	2880	6/6
M450	4500	4200	4350	4500	3130	3130	3130	6/6
M500	5000	3800	3900	4000	3380	3380	3380	6/6
M550	5500	3200	3350	3500	3630	3630	3630	3/6
M600	6000	2600	2800	3000	3930	3930	3930	3/6

Note: (1)free lifting height: +150mm

WIDE VIEW FULL FREE 2-STAGE MAST							
Mast model	Max.lifting height	Load capacity (load center 500mm)(kg)			Mast overall height(mm)	Free lifting height (with backrest) mm	Mast tilting angle (front/rear)
		5.0t	5.5t	6.0t	5.0t/5.5t/6.0t	5.0t/5.5t/6.0t	
ZM200	2000	5000	5500	6000	1880	590	6/12
ZM250	2500	5000	5500	6000	2130	840	6/12
ZM300	3000	5000	5500	6000	2380	1090	6/6
ZM330	3300	5000	5500	6000	2530	1240	6/6
ZM350	3500	5000	5400	5800	2630	1340	6/6
ZM370	3700	4800	5200	5600	2755	1465	6/6
ZM400	4000	4600	4900	5200	2930	1640	6/6

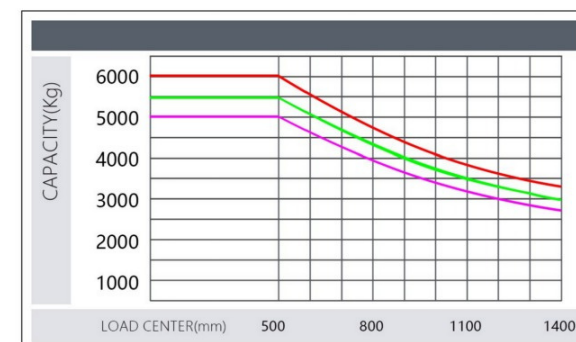
Note: (1)free lifting height (without backrest): +271mm

WIDE VIEW FULL FREE 3-STAGE MAST											
Mast model	Max.lifting height	Load capacity (load center 500mm)(kg)			Mast overall height(mm)			Free lifting height (with backrest) mm			Mast tilting angle (front/rear)
		5.0t	5.5t	6.0t	5.0t	5.5t	6.0t	5.0t	5.5t	6.0t	
ZSM360	3600	4350		5000	2090		2090	840		840	6/6
ZSM400	4000	4200		4700	2223		2223	974		974	6/6
ZSM420	4200	4100		4500	2290		2290	1040		1040	6/6
ZSM435	4350	3900		4300	2340		2340	1090		1090	6/6
ZSM450	4500	3800		4200	2390		2390	1140		1140	6/6
ZSM480	4800	3500		4000	2490		2490	1240		1240	6/6
ZSM500	5000	3400		3800	2557		2557	1307		1307	6/6
ZSM550	5500	2800		3200	2723		2723	1474		1474	3/6
ZSM600	6000	2200		2600	2990		2990	1690		1690	3/6

Note: (1)free lifting height (without backrest): +550mm



CPD60 CPD55 CPD50

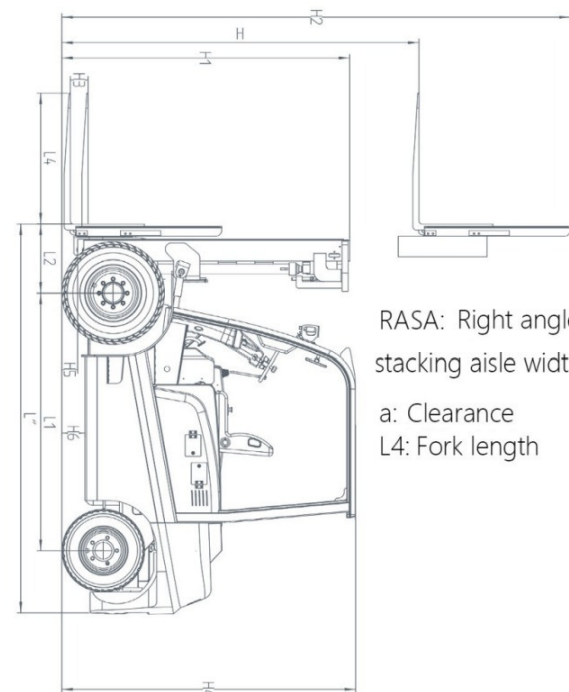


NOTE:

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.

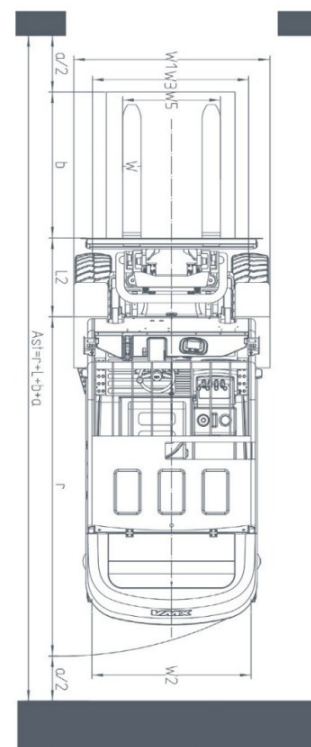
ManuFacter's Data and Design Characteristics

Characteristics						
1.01	Manufacturer					
1.02	Model					
1.03	Configuration Model					
1.04	Rated Capacity	Q	kg	CPD50	CPD55	CPD60
1.05	Load Center Distance	C	mm	HI2/HI2LI	HI2/HI2LI	HI2/HI2LI
1.06	Power Type			5000	5500	6000
1.07	Driving Type			500	500	500
1.08	Wheel Base	L1	mm	Battery	Battery	Battery
				Seated	Seated	Seated
				2100	2100	2100
Tyres						
2.01	Tyre Type					
2.02	Wheel Number (front/rear)					
2.03	Front wheel base	W3	mm	Pneumatic	Pneumatic	Pneumatic
2.04	Rear wheel base	W2	mm	2/2	2/2	2/2
2.05	Tyre (front)			1280	1280	1280
2.06	Tyre (rear)			1190	1190	1190
				300-15-14PR	300-15-14PR	300-15-14PR
				7.00-12SE	7.00-12SE	7.00-12SE
Size						
3.01	Front Overhang	L2	mm			
3.02	Mast Tilting Angle, Front/Rear	α/β	°	565	565	565
3.03	Height with Mast Retraction	H1	mm	6/12	6/12	6/12
3.04	Free Lifting Height	H3	mm	2230	2230	2230
3.05	Max. Lifting Height	H	mm	150	150	150
3.06	Max. Height After Lifting	H2	mm	3000	3000	3000
3.07	Overall Guard Height	H4	mm	4280	4280	4280
3.08	Fork Size: Length x Width x Thickness	L x W x T	mm	2255	2255	2255
3.09	Fork carriage, DIN standard			1070 x 150 x 50	1070 x 150 x 50	1220 x 150 x 60
3.10	Overall Length (Fork Excluded)	L'	mm	3A	3A	4A
3.11	Overall Width	W1	mm	3185	3185	3185
3.12	Turning Radius	r	mm	1600	1600	1600
3.13	Ground Clearance of Mast	H5	mm	2930	2930	2930
3.14	Ground clearance of wheel base center (loaded)	H6	mm	170	170	170
3.15	Right Angle Stacking Aisle Width (Pallet 1000 x 1000mm, Clearance 200mm)	Ast	mm	200	200	200
3.16	Right Angle Stacking Aisle Width (Pallet 1200 x 1200mm, Clearance 200mm)	Ast	mm	4895	4895	4895
3.17	Lateral Fork Adjustment Max./Min.	W5	mm	5095	5095	5095
				1380/300	1380/300	1380/300
Performance						
4.01	Traveling Speed (Loaded/Unloaded)		km/h	14/15	13/14	13/14
4.02	Lifting Speed (Loaded/Unloaded)		mm/s	300/400	280/400	260/400
4.03	Lowering Speed		mm/s	400	400	400
4.04	Gradeability (loaded)		%	14	13	12
Weight						
5.01	Total Weight		Kg	7300/6720	8050/6185	8274/6184
5.02	Axle load (unloaded), front/rear		Kg	3239/4045	3567/4482	3663/4611
5.03	Axle load (loaded), front/rear		Kg	10775/1509	11856/1693	12706/1568
Lithium Battery						
6.01	Lithium Battery Voltage / capacity		V/Ah	80/630	80/700	80/700(800)
6.02	Lithium Battery weight (with battery box)		Kg	1565	1865	2090
Motor and controller						
7.01	Driving motor power-60 minutes		Kw	18	19	19
7.02	Lifting motor power (S3 15%)		Kw	26	26	26
7.03	Driving motor control mode			MOSFET/AC	MOSFET/AC	MOSFET/AC
7.04	Lifting motor control mode			MOSFET/AC	MOSFET/AC	MOSFET/AC
7.05	Service brake / parking brake			Hydraulic / Mechanical		
7.06	Hydraulic system working pressure		Mpa	20	20	20



RASA: Right angle
stacking aisle width

a: Clearance
L4: Fork length



VMAX
USA



5-8t

H SERIES LITHIUM BATTERY POWERED COUNTERBALANCE FORKLIFT



High Quality Lithium Battery

Standard equipped with Heding high quality lithium battery. Long service life, five-year warranty, zero pollution, maintenance free. 1.5-2 hours for full charge, more suitable for multi-shift work.



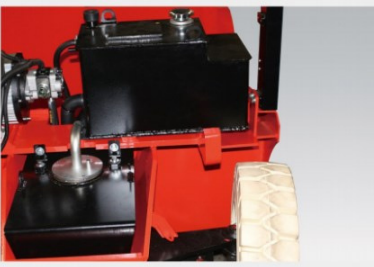
Reinforced Components

The maintenance-free wet disc brake system provides excellent brake performance. The compact structure, small deflection, and dust-proof and water-proof design of the casting steering axle endow the forklift with long service life and working reliability.



Efficient driving system

Advanced motor drive system with compact structure generates better driving and climbing performance, higher torque and more powerful forces.



Main and Auxiliary hydraulic oil tanks

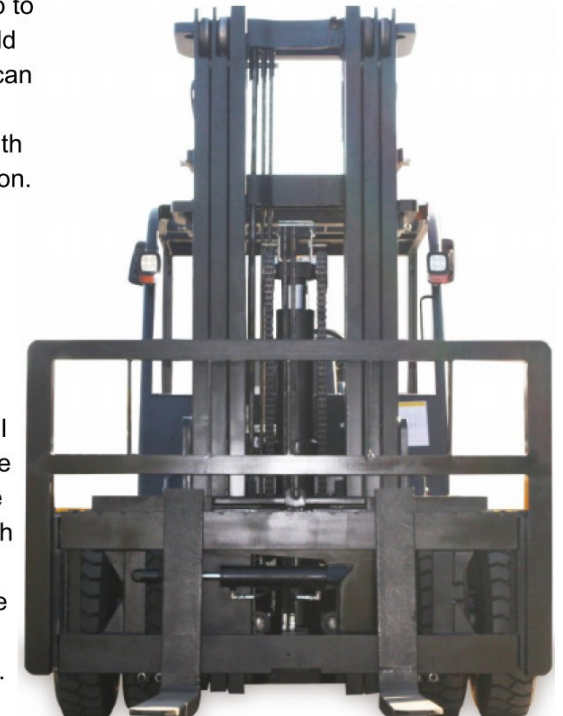
Equipped with main and auxiliary hydraulic oil tanks. The enlarged fluid capacity ensures the steady operation of hydraulic system while the filter unit and extended cooling area make for excellent heat dissipation performance and optimum fluid cleanliness.

Side-placed charging port

The lithium battery can operate at temperatures up to 55 C°. Under extreme cold temperatures, the battery can still maintain excellent discharge performance with optional self-heating function.

Electronic control system

Standard equipped with ZAPI electronic control system. The start, driving and loading are all controlled by computer with a high precision and efficiency. It has regenerative braking, ramp braking and fault self-diagnosis functions.





WIDE VIEW MAST

Mast model	Max. lifting height (mm)	Load capacity (load center 600mm) (kg)				Mast overall height (mm)		Mast tilting angle (front/rear)
		5t	6t	7t	8t	5-6t	7-8t	
M300	3000	5000	6000	7000	8000	2430	2500	6/9
M330	3300	5000	6000	7000	8000	2580	2650	6/9
M350	3500	5000	6000	7000	8000	2680	2750	6/9
M370	3700	5000	6000	7000	8000	2780	2850	6/9
M400	4000	5000	6000	7000	8000	2980	3050	6/9
M450	4500	4800	5800	6800	7700	3230	3300	6/6
M500	5000	4600	5600	6600	7400	3480	3550	6/6
M550	5500	4400	5400	6300	7000	3780	3850	3/6
M600	6000	4200	5200	6000	6700	4030	4100	3/6

Note: (1)Free lifting height: 150 mm

WIDE VIEW FULL FREE 2-STAGE MEST

Mast model	Max. lifting height (mm)	Load capacity(load center 600mm)(kg)				Mast overall height(mm)		Free lifting height(with backrest) mm		Mast tilting angle (front/rear)
		5t	6t	7t	8t	5-6t	7-8t	5-6t	7-8t	
ZM300	3000	5000	6000	7000	8000	2430	2500	1287	1087	6/9
ZM330	3300	5000	6000	7000	7600	2580	2650	1437	1237	6/9
ZM350	3500	5000	6000	7000	7500	2680	2750	1537	1337	6/9
ZM375	3750	5000	6000	7000	7400	2780	2875	1662	1462	6/9
ZM400	4000	5000	6000	7000	7300	2980	3050	1837	1637	6/9
ZM450	4500	4650	5600	6600	7100	3230	3300	2087	1887	6/6
ZM500	5000	4500	5200	6200	6700	3480	3550	2337	2137	6/6
ZM550	5500	4250	5000	6000	6400	3780	3850	2637	2437	3/6
ZM600	6000	4000	4900	5900	5900	4030	4100	2887	2687	3/6

Note: (1)Free lifting height (without backrest): 5-6t: +515mm; 7-8t: +245mm

WIDE VIEW FULL FREE 3-STAGE MAST

Mast model	Max. lifting height (mm)	Load capacity(load center 600mm) (kg)				Mast overall height(mm)		Free lifting height (with backrest) mm		Mast tilting angle (front/rear)
		5t	6t	7t	8t	5-6t	7-8t	5-6t	7-8t	
ZSM360	3600	4800	5800	6800	7800	2115	2375	740	1015	6/6
ZSM400	4000	4700	5700	6700	7500	2250	2510	875	1150	6/6
ZSM435	4350	4600	5600	6600	7200	2365	2625	990	1265	6/6
ZSM450	4500	4400	5400	6400	6900	2415	2675	1040	1315	6/6
ZSM480	4800	4200	5200	6200	6700	2515	2775	1140	1415	6/6
ZSM500	5000	4000	5000	6000	6500	2580	2840	1210	1485	6/6
ZSM550	5500	3700	4700	5800	6200	2750	3010	1375	1650	3/6
ZSM600	6000	3400	4400	5400	5700	2965	3225	1590	1865	3/6

Note: (1)Free lifting height (without backrest): 5-6t: +515mm; 7-8t: +245mm

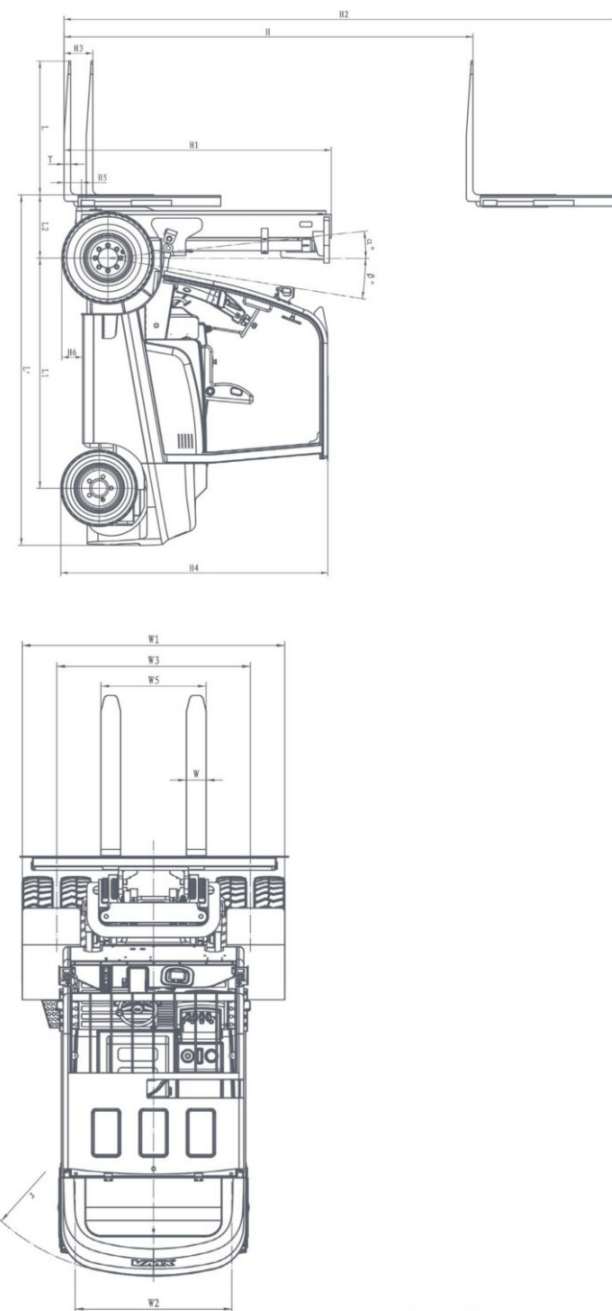


Note:
The vertical axis stands for the load capacity and the horizontal axis stands for the load center. The load center is calculated from the face of the fork. The base point of the standard load is the center of the cube with a load side length of 1000 mm. When the mast leans forward, or non-standard 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.

ManuFacter's Data and Design Characteristics

Characteristics								
1.01	Manufacturer							
1.02	Model			CPD50	CPD60	CPD70	CPD80	
1.03	Rated Capacity		Q	kg	5000	6000	7000	8000
1.04	Load Center Distance		C	mm	600	600	600	600
1.05	Power Type				Lithium Battery	Lithium Battery	Lithium Battery	Lithium Battery
1.06	Driving Type				Seated	Seated	Seated	Seated
1.07	Wheel Base		L1	mm	2100	2100	2350	2350
Tyres								
2.01	Tyre Type (front)				Pneumatic Tyre	Pneumatic Tyre	Pneumatic Tyre	Pneumatic Tyre
2.02	Tyre Type (rear)				Soild Tyre	Soild Tyre	Soild Tyre	Soild Tyre
2.03	Wheel Number (front/rear)				2/2	4/2	4/2	4/2
2.04	Front Tread		W3	mm	1280	1470	1470	1470
2.05	Rear Tread		W2	mm	1190	1190	1190	1190
2.06	Tyre (front)				300-15-18PR	8.25-15-14PR	8.25-15-14PR	8.25-15-14PR
2.07	Tyre (rear)				7.00-12	28*9-15	28*9-15	28*9-15
Size								
3.01	Front Overhang		L2	mm	567	577	587	592
3.02	Mast Tilting Angle, Front/Rear		α/β	°	6/9	6/9	6/9	6/9
3.03	Height with Mast Retraction		H1	mm	2430	2430	2500	2500
3.04	Free Lifting Height		H3	mm	150	150	200	200
3.05	Max. Lifting Height		H	mm	3000	3000	3000	3000
3.06	Max. Height After Lifting		H2	mm	4420	4420	4420	4420
3.07	Overall Guard Height		H4	mm	2400	2400	2400	2400
3.08	Fork Size: Length x Width x Thickness		L x W x T	mm	1220X150X50	1220X150X60	1220X150X65	1220X170X70
3.09	Overall Length (Fork Excluded)		L'	mm	3187	3197	2457	3462
3.10	Overall Width		W1	mm	1600	1995	1995	1995
3.11	Turning Radius		r	mm	2930	2930	3180	3180
3.12	Ground Clearance of Mast		H5	mm	160	160	160	160
3.13	Ground Clearance of Wheel Base Center (Loaded)		H6	mm	170	170	170	170
3.14	Lateral Fork Adjustment Max./Min.		W5	mm	1840-300	1840-300	1840-300	1840-300
Performance								
4.01	Traveling Speed (Loaded/Unloaded)			km/h	14/16	13/15	13/15	13/15
4.02	Lifting Speed (Loaded/Unloaded)			mm/s	300/400	260/320	340/450	320/420
4.03	Lowering Speed			mm/s	<600	<600	<600	<600
4.04	Gradeability (loaded)			%	15	13	17	15
Weight								
5.01	Total Weight (with/without Battery)			Kg	8300	9400	10100	11200
Lithium Battery								
6.01	Lithium Battery Voltage / Capacity			V/Ah	80/560	80/608	80/608	80/808
6.02	Lithium Battery Weight (withcounterweight block)			Kg	1565	1865	2090	2150
Motor and Controller								
7.01	Driving Motor Power (S2-60 minutes)			Kw	18	19	25	25
7.02	Lifting Motor Power (S3 15%)			Kw	26	26	2X26	2X26
7.03	Driving Motor Control Mode				AC	AC	AC	AC
7.04	Lifting Motor Control Mode				AC	AC	AC	AC
7.05	Service Brake/Parking Brake				Hydraulic / Mechanical	Hydraulic / Mechanical	Hydraulic / Mechanical	Hydraulic / Mechanical
7.06	Hydraulic System Working Pressure			Mpa	20	20	20	20
	Note: (1) Detailed information about battery, please contact our salesmen							

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VMAX
USA



VMAXUSA is a heavy equipment import company representing the best new technology in emissions free equipment. We are a USA owned and operated company, National Headquarters located in Butte, Montana. VMAXUSA provides customers with new options in heavy electric machinery. forklifts, scissor lifts, track scissor lifts, wheeled front loaders, excavators, mini front loaders, skid steers and more. Check out our new line of 2024 products for your lifting needs.

SEC 240kW Series
DC Fast Charger



956EV Front Loader





EVE Battery

Long Life Battery

Super Long Life Battery

Fast Charging

Supports Fast Charging

Severe Cold Environment

Normal use in all weather

Safety Guarantee

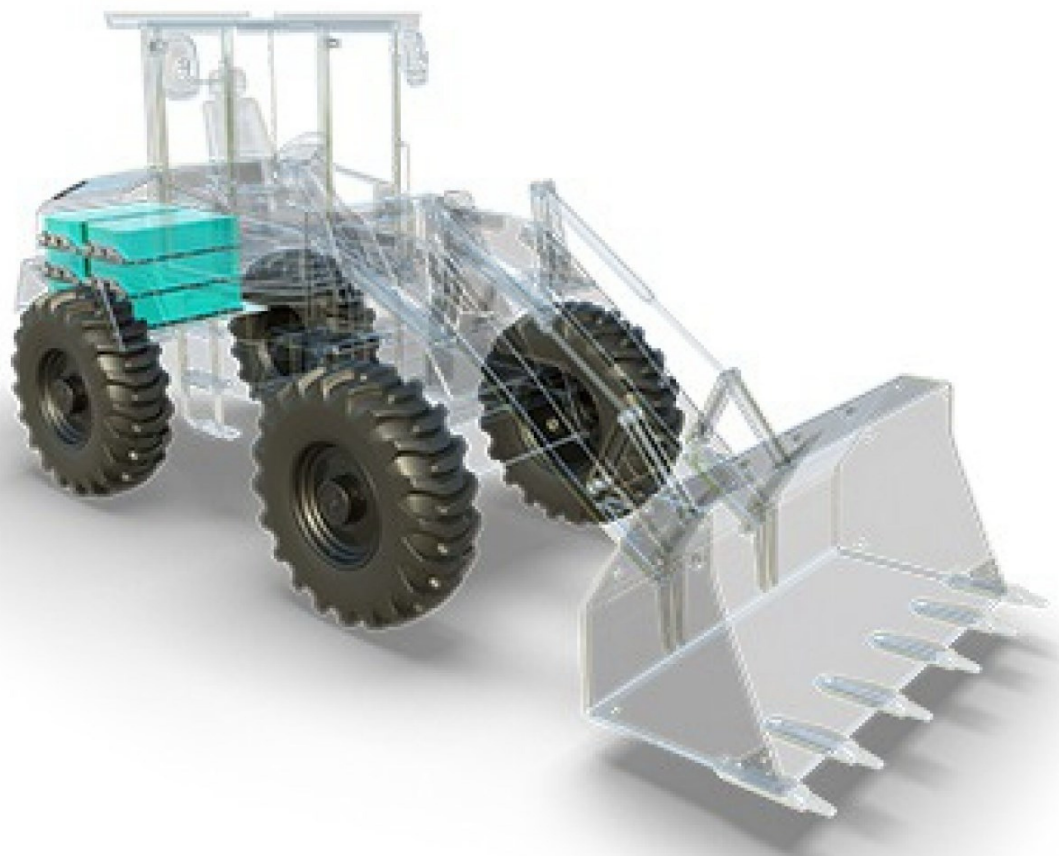
Provides double protection of fuse and relay to ensure the safe use of battery

Remote Monitoring

Provides real-time status monitoring under operating conditions

956EV Model

Battery Powered Front Loader



ManuFacter's Data and Design Characteristics			
Specification		Units	Qualifications
Overall Dimension	Overall Length	ft	29.54
	Overall Height	ft	11.49
	Bucket Width	ft	9.9
Main Specification	Rated Bucket Capacity	m³	2.8-4.5
	Rated Loading Weight	lbs	11,023
Walking Drive Motor	Rated Power	kW	178
Hydraulic Drive Motor	Rated Power	kW	110
	Total Power	kWh	282
Cell	Voltage Platform	V	627
	Brand Name	/	Evebattery
Duration of Battery	General Working Condition	h	5-6
	Reload Condition	h	4-5
Main Performance	Overall Working Weight	lbs	41,446
	Dump Height	ft	11.18
	Dump Reach	ft	4.67
	Wheel Base	ft	11.15
	Maximum Tractive Force	KN	168
	Maximum Breakout Force	KN	160
	Maximum Gradeability	°	28
Running Speed	Steering Angle	°	35
	Forward Shift	km/h	12\35
	Reverse Shift	km/h	12\35
659EV overall Configuration Specification			
Technical Specifications	Item	Specification	
Cell	Cell Type	Lithium iron phosphate	
	System Rated Capacity	450Ah	
	Rated Storage energy	282kWh Optional	
	Nominal Voltage	627V	
	Battery System Protection Level	IP67	
	Cooling-down Method	Liquid Cooling	
Driving Motor	Charging Interval (160kW charging pile)	90 Minutes	
	Power	178kW	
	Levels of Protection	IP67	
	Ambient Temperature	-40° -55°	
	Cooling-down Method	Liquid Cooling	
Driving Axle	Type	Dry Drive Axle	
Gearbox	Type	Automatic 2 gear Shifting	
Hydraulic System	Type	Double Pump Confluence	
	Operation Type	Pilot +FNR Function	
Steering Hydraulic System	Type	Traffic Amplification	
Brake System	Type	Gas top oil	
Refrigeration System	Type	Electric heating and cooling air conditioning	
Operation System	System Voltage	24V	
	Anti-freeze Fluid	36L	
Capacity Data	Driving Axle Oil	27L×2	
	Hydraulic Fluid	160L	



VMAX
USA

Sinexcel

Everything about profitability
and charging experience

SEC 240kW Series DC Fast Charger

*One handle charger included
in purchase of one front
loader.

*Please contact for more information
about charging stand upgrades and other
charging stand variations.

VMAX USA

Overview

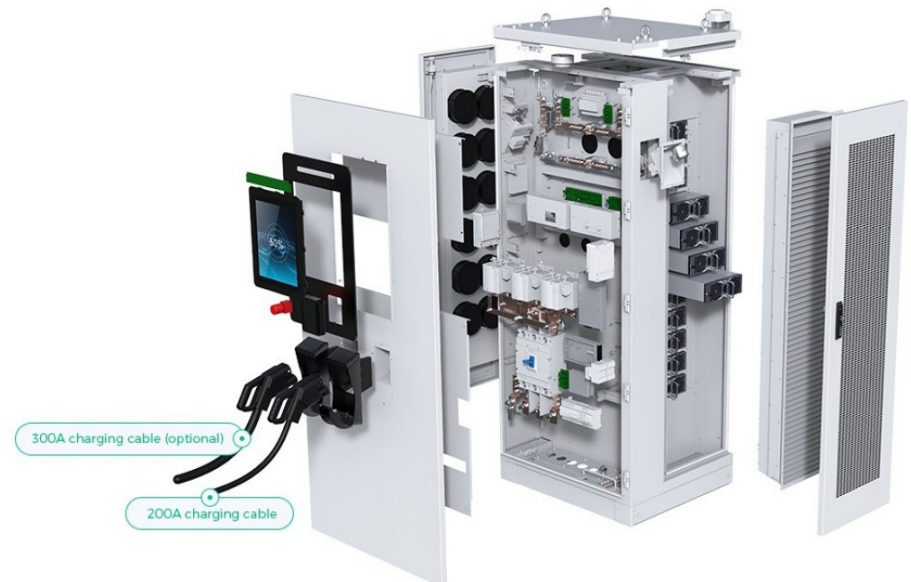
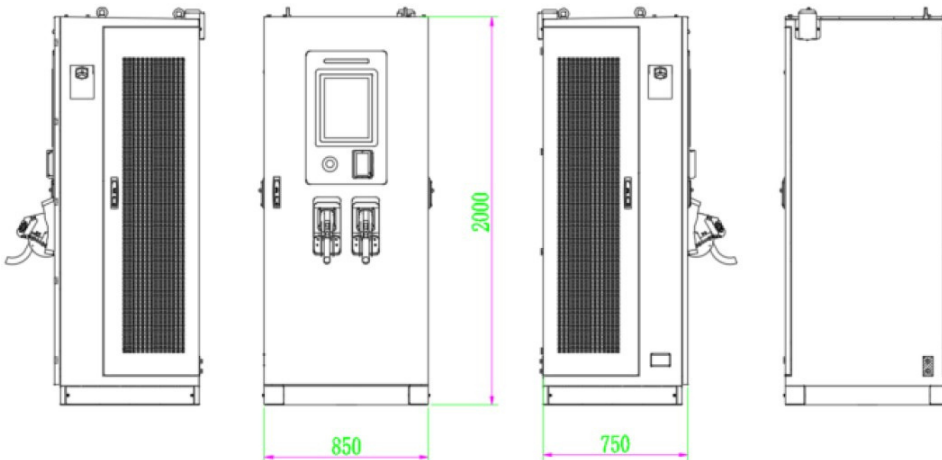
SEC 240kW integrated charger is an integrated EV
charger providing 240kW DC output for up to one or two
connectors.

Power flexibly distributed to one or two connectors by
smart algorithm EV charging.

It supports high resolution large LCD touch screen
with audio function and cable management system which
provides better user experience.

Dimensions

W850*D750*2000mm



Specification		
240kW Integrated Charger		
Input Characteristic	Input voltage	400 VAC +/- 10%
	Input frequency	50/60 Hz
	Input type	3P + N + PE
	Input current	450A
	Input power	263kVA
	Power factor	0.99
	THDi	<5%
	Grounding type	TN-S, TN-CS
Output Characteristic	Connector options	CCS2
		CCS2 + CCS2
		CCS2 + CHAdeMO
		CHAdeMO is optional
	Output voltage	CCS2: 200-1000 Vdc
		CHAdeMO: 200-500 Vdc
	300~1000V is the output voltage of constant power output.	
	Maximum output current	CCS2: 200A
		CHAdeMO: 125A
	Rated power	DC: 240kW
	Peak efficiency	96%
Environment	Operational altitude	<2000 m
	Operating temperature	-25 °C to +50 °C (Full power)
	Temperature derating	Up to 50 °C: 100% output power,
		50-65 °C interval, linear power limit,
		65 °C or more, module shutdown protection
	Storage temperature range	-30 °C to +70°C
	Humidity	5%-95% Rh non-condensing
Structure	IP and IK rating	IP55/IK10
	Dimensions	W850mm*D750mm*H2000mm
	Weight	≤500 kg
	Enclosure	304 stainless steel
Components	Cable length	5m (4.5m exposed from the charger)
	Screen	15" HD touchscreen
	RFID Reader	ISO 14443 A + B to part 4 and ISO/IEC 15693, Mifare1, NFC
	Emergency button	Yes
Others	Communication interface	4G / LAN Port
	Language	English (Supports customizing other languages)
	Communication protocol	OCPP1.6J
	Cooling method	Air Cooled
	EMC	Class A (industrial)
	Protection	Undervoltage Protection, Overvoltage Protection, DC Overcurrent Protection, Over-temperature Protection, Surge Protection Device, Emergency Stop Protection
	Optional functions	Tilt detection, flood detection, smoke detection, heater, cable management
Standards and Certifications	Standards	IEC 61851, IEC 62196, DIN 70121, ISO 15118, etc.
	Certification	CE, TUV, RCM



Key Characteristics

Input voltage **Peak Efficiency**

400V±10% VAC
50~60Hz

96%

Protection Grade **Weight**

IP55/IK10

≤500KG

Dimensions

W1000*D700*H2000

Noise

≤65dB

Operating Temperature

-25 °C to +50 °C (Fullpower)