

| Optional                |                                                                         |  |   |
|-------------------------|-------------------------------------------------------------------------|--|---|
| Safety                  | Pump-Advanced Driving Assistance System (P-ADAS)                        |  | ○ |
|                         | Traction-Advanced Driving Assistance System(T-ADAS)                     |  | ○ |
|                         | Steering automatic deceleration                                         |  | ● |
|                         | Reversing handle with horn button                                       |  | ● |
|                         | Over speed alarm (5km/h)                                                |  | ○ |
|                         | Over speed alarm (8km/h                                                 |  | ○ |
|                         | Over speed alarm (10km/h)                                               |  | ○ |
|                         | OPS                                                                     |  | ● |
|                         | Seat switch                                                             |  | ○ |
|                         | Multi way valve overload                                                |  | ● |
|                         | Dry-powder fire extinguisher (0.5kg)                                    |  | ○ |
|                         | Dry-powder fire extinguisher (2kg)                                      |  | ○ |
|                         | Backward buzzer                                                         |  | ● |
|                         | Reversing chinese language speaker                                      |  | ○ |
|                         | Electronic upper buffer                                                 |  | ○ |
|                         | Rearview mirror with angle in the middle                                |  | ● |
|                         | Left and right rearview mirror+rearview mirror with angle in the middle |  | ○ |
| Comfort                 | Suspension Seats                                                        |  | ● |
|                         | USB                                                                     |  | ● |
|                         | Steer activated by steering wheel                                       |  | ● |
|                         | Mechanical valve                                                        |  | ● |
|                         | Electro-magnetic valve(proportion valve+thumb switch)                   |  | ○ |
|                         | Fan                                                                     |  | ○ |
| Optional overhead guard |                                                                         |  | ○ |
| Cab/Windshield          | Overhead guard with protection net                                      |  | ○ |
|                         | Panel-mounted cab (with fan +windshield wiper)                          |  | ○ |
|                         | With heater                                                             |  | ○ |
|                         | With cooling air conditioner (rear installed type)                      |  | ○ |
|                         | With cooling air conditioner (rear installed type) +heater              |  | ○ |
|                         | With front windshield glass (with wiper)                                |  | ○ |
| Lights                  | With rear windshield glass                                              |  | ○ |
|                         | With top rainshield glass (without fan)                                 |  | ○ |
|                         | LED rear working light                                                  |  | ○ |
|                         | Front LED red/blue spotlight                                            |  | ○ |
|                         | Rear LED red/blue spot light                                            |  | ○ |
|                         | Three sides (left, right and rear) red/blue bar light                   |  | ○ |
| Others                  | Fixed LED flickering warning light                                      |  | ● |
|                         | Fixed LED rotating warning light                                        |  | ○ |
|                         | Fixed LED rotating and buzzer alarm light                               |  | ○ |
|                         | Front double - cylinder mast                                            |  | ○ |
|                         | Single tyre (front wheel)                                               |  | ● |
|                         | Solid tyre                                                              |  | ● |
|                         | All climate tyre                                                        |  | ○ |
|                         | Non - marking solid tyre                                                |  | ○ |
|                         | Metric thread                                                           |  | ● |
|                         | American thread                                                         |  | ○ |
|                         | Sleeve for tilting cylinder                                             |  | ● |
|                         | Sleeve for tilting cylinder and steering cylinder                       |  | ○ |
|                         | HELI FICS system(Overseas Version)                                      |  | ○ |
|                         | Twin - pedal                                                            |  | ○ |

Note: “●” standard ; “○” optional



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CPD20/25  
/30/35  
GD2LI-M

LI TON G2 Series  
PLUS Version 2.0-3.5t

**More Powerful**  
**More Protective**  
**More Possible**



## PLUS Version All-New Upgrade

### Enhanced Load-Bearing Capacity Steady as a Rock

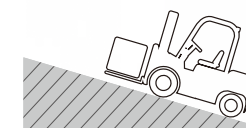
Reinforced Frame, Enhanced High-Position Load-Bearing Capacity.  
No Load Reduction at a 4.7m Lifting Height, More Stable Lifting/Lowering.



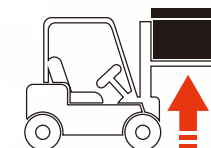
Load-Bearing Capacity Increased by  
**21%**

**G2 Series**   
**PLUS Version 2.0-3.5t**

### Powerful Performance High Efficiency



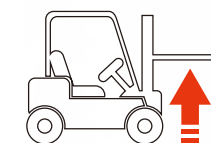
**18%** Maximum gradeability with load



**0.41m/s** Lifting speed with load



**18-19km/h** Driving speed



**0.54m/s** Lifting speed without load

Note: the data displayed are all based on the model CPD30-GD2Li-H, and data for other trucks are shown in the table of technical parameters.

## Smart and Safe Ease In All Aspects

### Key Functional Features

|                        |  |
|------------------------|--|
| Stable Load-Carrying   |  |
| Assisted Operation     |  |
| High Position Safety   |  |
| Cargo Attitude Display |  |

### P-ADAS (Optional) Pump-Advanced Driving Assistance System

### T-ADAS (Optional) Traction-Advanced Driving Assistance System

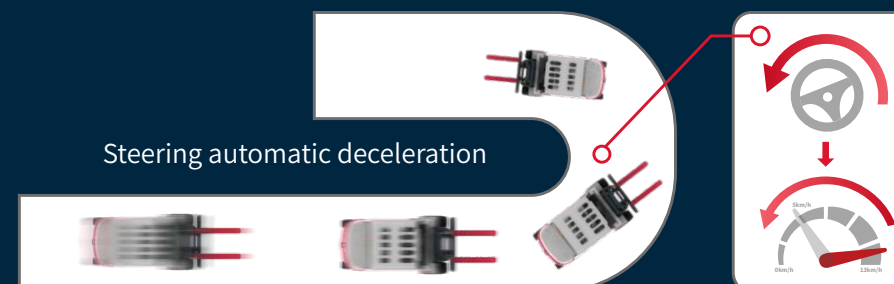


### Key Functional Features

|                                   |  |
|-----------------------------------|--|
| Reverse Camera System             |  |
| Driving Recording Function        |  |
| AI-Powered Pedestrian Recognition |  |
| Blind Spot Detection              |  |

- Steering deceleration: Auto steering deceleration reduces the risk of turning over;
- Steering started by steering wheel: the steering wheel can directly start the steering function and provides the required oil quantity according to the steering wheel speed;
- Color screen instrument: Bilingual (CN/EN) options, full vehicle information at a glance;
- PES Three-speed mode: Choose multiple speed modes according to working conditions, guarantee work efficiency;
- Rear handle with horn switch for safer reversing;
- Lithium battery is automatically heated at low temperature, with excellent low temperature adaptability.

### Steering automatic deceleration





## Optimized Ergonomic Design Better Driving Comfort



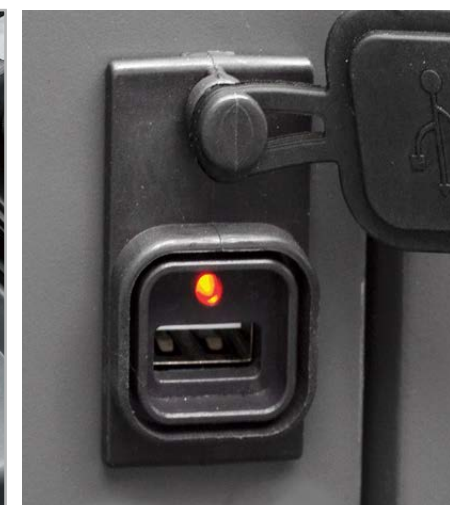
Large boarding space and foot operation space for more comfortable operation



Standard - equipped Full - floating  
Suspension Seats

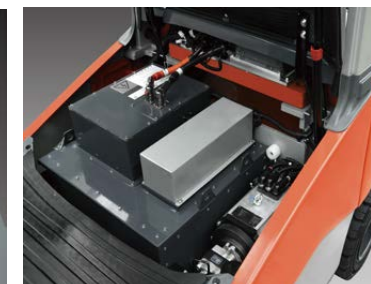


Brake fluid within reach,  
easy to check and refill



USB power supply design  
is more thoughtful

## Centralized Checkpoints Easy Maintenance



The electrical design is concentrated on the top of lithium battery, and the maintenance points are centralized, which is convenient for inspection and maintenance.

Gradient  
20%

## High Quality & High Reliability

The integrated cast drive axle and reinforced cast steering axle have been proven in the market and are mature and reliable. The mast force optimization design improves the overall performance and effectively ensures the operation safety.



## Tested in Rough Operating Environment



Rain Test: The whole vehicle is simulated to be under a short - duration rainstorm for 15 minutes (rainfall intensity is 5.43 mm/min) with live - load testing, and the vehicle can operate continuously without failure.



After 10mins wading test, the vehicle has no failure. (Water depth 200mm)



The whole vehicle can be operated alternately in -20°C cold storage for 6 hours and parked in the cold storage for 12 hours without any failure and can continue to work.



The truck passed simulation experiment of bumpy road.

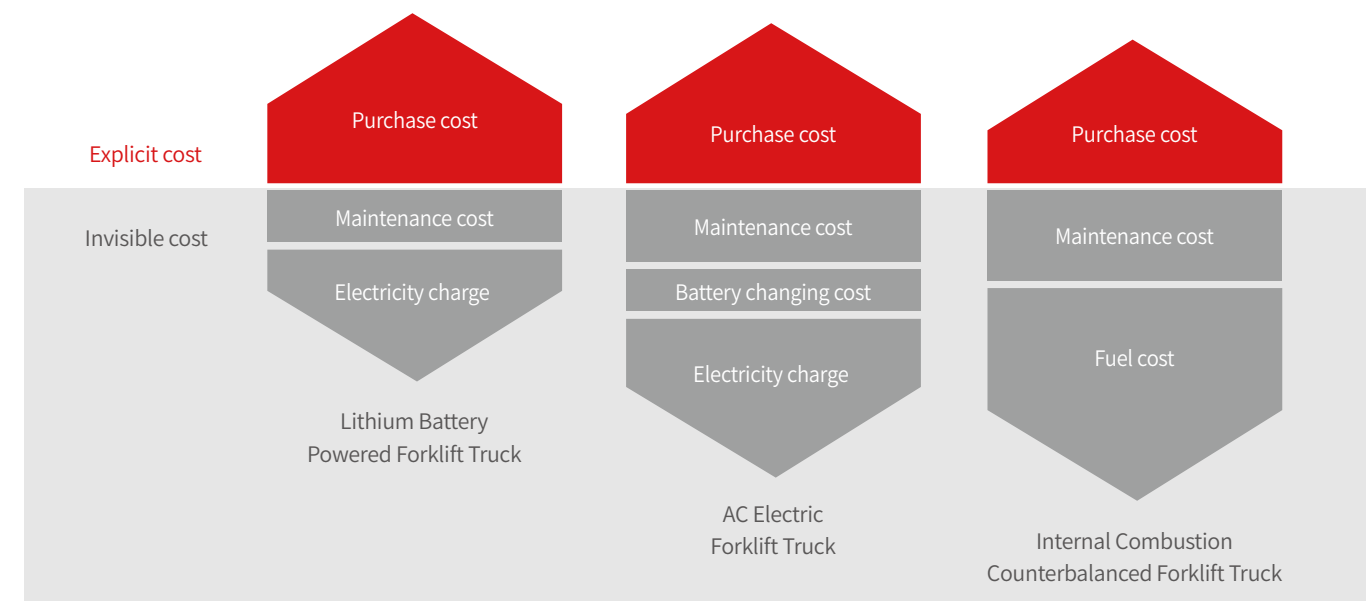
## Operating Cost Comparison: Lithium battery forklift **vs.** Lead-acid battery forklift **vs.** IC forklift

The advantages of HELI lithium battery forklift trucks are more prominent in the life cycle cost.

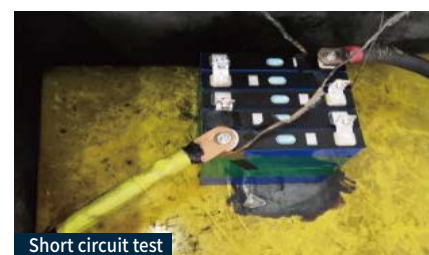
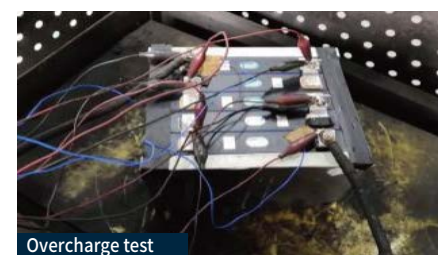
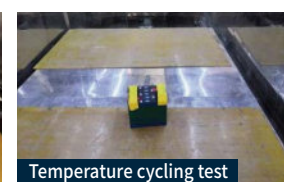
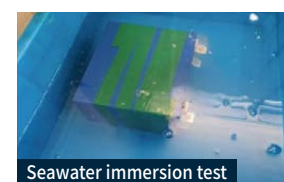
Compared with internal combustion forklift truck, lithium battery forklift truck has the advantages of no noise, no pollution, small vibration and simple operation.

Compared with the lead-acid battery forklift truck, lithium battery forklift has the characteristics of fast charging and charging at any time, which is more suitable for multi shift operation.

Besides, HELI lithium battery forklift is maintenance free, high power conversion efficiency, and economical overall operation cost.



### Lithium Battery Advantages



- The truck selects mature and economical square iron phosphate lithium battery core and module used by large numbers of commercial vehicles;
- The module adopts aluminum alloy plate frame, which is firm, light in weight and has good heat dissipation effect;
- Fast charging: fast charging makes truck gapless operation possible, and it can be fully charged in up to one hour;
- High efficiency and safety: The charging and discharging efficiency is up to 98%, and temperature of thermal runaway is over 600 °C;
- Low temperature adaptability: Standard configuration of heating function ensures normal operation of low temperature environment;
- Long service life: Over 75% capacity reserved after 5 years or ten thousand hours.
- Maintenance free: the battery does not need manual maintenance and does not need to add distilled water electrolyte;
- Green and clean: no pollution and zero emission.

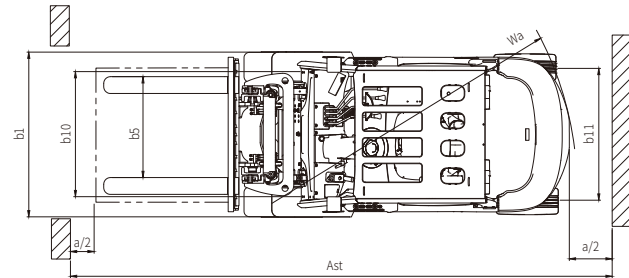
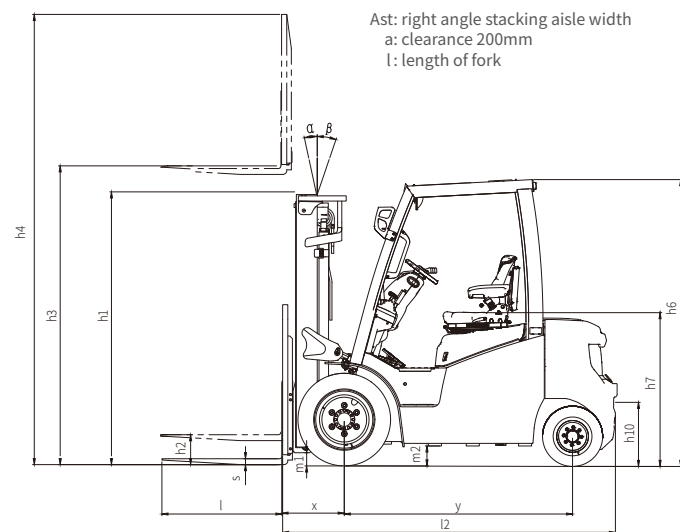
## Manufacturer and Technical Data

| Characteristics      |                                                                    |       |      |                      |                      |                      |
|----------------------|--------------------------------------------------------------------|-------|------|----------------------|----------------------|----------------------|
| 1.01                 | Manufacturer                                                       |       |      | <b>HELI</b>          |                      |                      |
| 1.02                 | Model                                                              |       |      | CPD20                | CPD25                | CPD30                |
| 1.03                 | Configuration number                                               |       |      | GD2Li-M              | GD2Li-M              | GD2Li-M              |
| 1.04                 | Rated capacity                                                     | Q     | kg   | 2000                 | 2500                 | 3000                 |
| 1.05                 | Load center distance                                               | c     | mm   | 500                  | 500                  | 500                  |
| 1.06                 | Power mode                                                         |       |      | lithium battery      | lithium battery      | lithium battery      |
| 1.07                 | Driving mode                                                       |       |      | seated               | seated               | seated               |
| 1.08                 | Front overhang                                                     | x     | mm   | 460                  | 460                  | 477                  |
| 1.09                 | Wheelbase                                                          | y     | mm   | 1650                 | 1650                 | 1750                 |
| Weight               |                                                                    |       |      |                      |                      |                      |
| 2.01                 | Total weight (with/without battery)                                |       | kg   | 3950/3392            | 4340/3782            | 5155/4419            |
| 2.02                 | Axle load (laden,front/rear)                                       |       | kg   | 1950/2000            | 1970/2370            | 2160/2995            |
| 2.03                 | Axle load (unladen,front/rear)                                     |       | kg   | 5113/837             | 5689/1151            | 6945/1210            |
| Tyres                |                                                                    |       |      |                      |                      |                      |
| 3.01                 | Tyre type                                                          |       |      | Solid tyre           | Solid tyre           | Solid tyre           |
| 3.02                 | Tyre size,front                                                    |       |      | 7.00-12              | 7.00-12              | 29×8-15              |
| 3.03                 | Tyre size,rear                                                     |       |      | 18×7-8               | 18×7-8               | 200/50-10            |
| 3.04                 | Wheels,number front/rear (x=driven wheels)                         |       |      | 2/2                  | 2/2                  | 2/2                  |
| 3.05                 | Tread, front                                                       | b10   | mm   | 970                  | 970                  | 1000                 |
| 3.06                 | Tread, rear                                                        | b11   | mm   | 960                  | 960                  | 970                  |
| Dimensions           |                                                                    |       |      |                      |                      |                      |
| 4.01                 | Mast tilt angle (forward/backward)                                 | α/β   | °    | 6/12                 | 6/12                 | 6/12                 |
| 4.02                 | Height (mast lowered)                                              | h1    | mm   | 2000                 | 2000                 | 2070                 |
| 4.03                 | Free lifting height                                                | h2    | mm   | 150                  | 150                  | 155                  |
| 4.04                 | Lifting height (standard)                                          | h3    | mm   | 3000                 | 3000                 | 3000                 |
| 4.05                 | Max. height,extended (with backrest)                               | h4    | mm   | 4030                 | 4030                 | 4217                 |
| 4.06                 | Height of overhead guard                                           | h6    | mm   | 2220                 | 2220                 | 2230                 |
| 4.07                 | Seat height relating to SIP (to ground)                            | h7    | mm   | 1170                 | 1170                 | 1180                 |
| 4.08                 | Towing coupling height                                             | h10   | mm   | 290                  | 290                  | 320                  |
| 4.09                 | Overall length (with fork)                                         | l1    | mm   | 3352                 | 3502                 | 3639                 |
| 4.10                 | Overall length (without fork)                                      | l2    | mm   | 2432                 | 2432                 | 2569                 |
| 4.11                 | Overall width                                                      | b1    | mm   | 1160                 | 1160                 | 1225                 |
| 4.12                 | Fork size:thickness x width x length                               | s/e/l | mm   | 40×122×920           | 40×122×1070          | 45×125×1070          |
| 4.13                 | Fork carriage,according to ISO2328                                 |       |      | 2A                   | 2A                   | 3A                   |
| 4.14                 | Distance across fork-arms, Max./Min.                               | b5    | mm   | 1030/250             | 1030/250             | 1060/250             |
| 4.15                 | Distance across fork-arms, Max./Min.                               | m1    | mm   | 115                  | 115                  | 130                  |
| 4.16                 | Ground clearance (center of wheelbase)                             | m2    | mm   | 130                  | 130                  | 140                  |
| 4.17                 | Right angle stacking aisle width for pallet 1000 x1200mm crossways | Ast   | mm   | 3710                 | 3710                 | 3892                 |
| 4.18                 | Right angle stacking aisle width for pallet 800 x1200mm lengthways | Ast   | mm   | 3910                 | 3910                 | 4092                 |
| 4.19                 | Min. outside turning radius                                        | Wa    | mm   | 2070                 | 2070                 | 2215                 |
| Performance Data     |                                                                    |       |      |                      |                      |                      |
| 5.01                 | Travel speed (laden/unladen)                                       |       | km/h | 18/19                | 18/19                | 18/19                |
| 5.02                 | Lift speed (laden/unladen)                                         |       | m/s  | 0.46/0.56            | 0.44/0.56            | 0.41/0.54            |
| 5.03                 | Lowering speed (laden/unladen)                                     |       | m/s  | 0.47/0.5             | 0.47/0.5             | 0.47/0.5             |
| 5.04                 | Max.drawbar pull (laden)                                           |       | N    | 19000                | 19000                | 21500                |
| 5.05                 | Max.gradeability (laden/unladen)                                   |       | %    | 22/28                | 20/28                | 18/28                |
| 5.06                 | Acceleration time(10 m)(laden/unladen)                             |       | s    | 5.8/5.1              | 6.0/5.3              | 5.8/5.1              |
| Battery              |                                                                    |       |      |                      |                      |                      |
| 6.01                 | Battery voltage/Capacity                                           |       | V/Ah | 80/280               | 80/280               | 80/404               |
| Motor and controller |                                                                    |       |      |                      |                      |                      |
| 7.01                 | Driving motor powering (S2-60min)                                  |       | kW   | 16.6                 | 16.6                 | 16.6                 |
| 7.02                 | Lifting motor powering (S3-15%)                                    |       | kW   | 25.5                 | 25.5                 | 25.5                 |
| 7.03                 | Driving motor controlling mode                                     |       |      | MOSFET/AC            | MOSFET/AC            | MOSFET/AC            |
| 7.04                 | Lifting motor controlling mode                                     |       |      | MOSFET/AC            | MOSFET/AC            | MOSFET/AC            |
| Addition data        |                                                                    |       |      |                      |                      |                      |
| 8.01                 | Service brake/Parking brake                                        |       |      | hydraulic/mechanical | hydraulic/mechanical | hydraulic/mechanical |
| 8.02                 | Operating pressure for attachments                                 |       | Mpa  | 16                   | 16                   | 16                   |

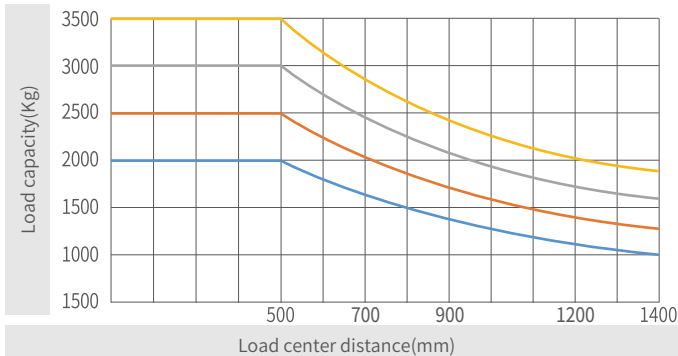
Note:

(1)In the configuration number, 2 refers to ZAPI controller.

(2) h7 is the value for standard configuration. For Grammer's suspension seat, h7 is 30mm increased.



### Load center distance



2.0t 2.5t 3.0t 3.5t

NOTE:

Vertical axle stands for load capacity while horizontal axlestands for load center.Load center is the distance counted fromthe front of the fork. The base point of the standard load is thecenter point of the cubic with the same 1000mm dimension inlength,width and height. The load capacity should be down, if mask tilts forward, using non-standard forks or loading goodswith extra width. Please notice the different

| Wide View Standard Mast |                         |                                       |      |      |      |                           |      |      |      |                                |      |     |      |                     |      |      |      |                         |
|-------------------------|-------------------------|---------------------------------------|------|------|------|---------------------------|------|------|------|--------------------------------|------|-----|------|---------------------|------|------|------|-------------------------|
| Mast model              | Max.lifting height (mm) | Load capacity (lode center 500mm)(kg) |      |      |      | Height (mast lowered)(mm) |      |      |      | Free lift (with backrest) (mm) |      |     |      | Service weight (kg) |      |      |      | Mast tilt angle α/β (°) |
|                         |                         | 2t                                    | 2.5t | 3t   | 3.5t | 2t                        | 2.5t | 3t   | 3.5t | 2t                             | 2.5t | 3t  | 3.5t | 2t                  | 2.5t | 3t   | 3.5t |                         |
| M200                    | 2000                    | 2000                                  | 2500 | 3000 | 3500 | 1500                      | 1500 | 1570 | 1620 | 150                            | 150  | 155 | 160  | 3860                | 4250 | 5059 | 5469 | 6/12                    |
| M250                    | 2500                    | 2000                                  | 2500 | 3000 | 3500 | 1750                      | 1750 | 1820 | 1870 | 150                            | 150  | 155 | 160  | 3905                | 4295 | 5107 | 5522 | 6/12                    |
| M300                    | 3000                    | 2000                                  | 2500 | 3000 | 3500 | 2000                      | 2000 | 2070 | 2120 | 150                            | 150  | 155 | 160  | 3950                | 4340 | 5155 | 5575 | 6/12                    |
| M330                    | 3300                    | 2000                                  | 2500 | 3000 | 3500 | 2150                      | 2150 | 2220 | 2270 | 150                            | 150  | 155 | 160  | 3977                | 4367 | 5184 | 5607 | 6/12                    |
| M350                    | 3500                    | 2000                                  | 2500 | 3000 | 3500 | 2250                      | 2250 | 2320 | 2370 | 150                            | 150  | 155 | 160  | 3995                | 4385 | 5203 | 5628 | 6/12                    |
| M370                    | 3700                    | 2000                                  | 2500 | 3000 | 3500 | 2350                      | 2350 | 2420 | 2470 | 150                            | 150  | 155 | 160  | 4013                | 4403 | 5222 | 5649 | 6/6                     |
| M400                    | 4000                    | 2000                                  | 2500 | 3000 | 3500 | 2550                      | 2550 | 2620 | 2670 | 150                            | 150  | 155 | 160  | 4090                | 4480 | 5302 | 5733 | 6/6                     |
| M425                    | 4250                    | 2000                                  | 2500 | 3000 | 3500 | 2675                      | 2675 | 2745 | 2795 | 150                            | 150  | 155 | 160  | 4113                | 4503 | 5326 | 5759 | 6/6                     |
| M450                    | 4500                    | 2000                                  | 2500 | 3000 | 3500 | 2800                      | 2800 | 2870 | 2920 | 150                            | 150  | 155 | 160  | 4135                | 4525 | 5350 | 5786 | 6/6                     |
| M500                    | 5000                    | 1950                                  | 2430 | 2950 | 3370 | 3050                      | 3050 | 3120 | 3170 | 150                            | 150  | 155 | 160  | 4180                | 4570 | 5398 | 5839 | 6/6                     |
| M550                    | 5500                    | 1850                                  | 2250 | 2800 | 3100 | 3350                      | 3350 | 3420 | 3470 | 150                            | 150  | 155 | 160  | 4275                | 4665 | 5496 | 5943 | 3/6                     |
| M600                    | 6000                    | 1750                                  | 2000 | 2500 | 2650 | 3600                      | 3600 | 3670 | 3720 | 150                            | 150  | 155 | 160  | 4320                | 4710 | 5544 | 5996 | 3/6                     |

| Wide View Full Free 2-Stage Mast |                         |                                       |      |      |      |                           |      |      |      |                                |      |      |      |                     |      |      |      |                         |
|----------------------------------|-------------------------|---------------------------------------|------|------|------|---------------------------|------|------|------|--------------------------------|------|------|------|---------------------|------|------|------|-------------------------|
| Mast model                       | Max.lifting height (mm) | Load capacity (lode center 500mm)(kg) |      |      |      | Height (mast lowered)(mm) |      |      |      | Free lift (with backrest) (mm) |      |      |      | Service weight (kg) |      |      |      | Mast tilt angle α/β (°) |
|                                  |                         | 2t                                    | 2.5t | 3t   | 3.5t | 2t                        | 2.5t | 3t   | 3.5t | 2t                             | 2.5t | 3t   | 3.5t | 2t                  | 2.5t | 3t   | 3.5t |                         |
| ZM200                            | 2000                    | 2000                                  | 2500 | 3000 | 3500 | 1500                      | 1500 | 1570 | 1620 | 496                            | 496  | 340  | 443  | 3872                | 4262 | 5080 | 5486 | 6/12                    |
| ZM250                            | 2500                    | 2000                                  | 2500 | 3000 | 3500 | 1750                      | 1750 | 1820 | 1870 | 746                            | 746  | 590  | 693  | 3920                | 4310 | 5130 | 5539 | 6/12                    |
| ZM300                            | 3000                    | 2000                                  | 2500 | 3000 | 3500 | 2000                      | 2000 | 2070 | 2120 | 996                            | 996  | 840  | 943  | 3967                | 4357 | 5180 | 5593 | 6/12                    |
| ZM330                            | 3300                    | 2000                                  | 2500 | 3000 | 3500 | 2150                      | 2150 | 2220 | 2270 | 1146                           | 1146 | 990  | 1093 | 3997                | 4387 | 5212 | 5626 | 6/12                    |
| ZM350                            | 3500                    | 2000                                  | 2500 | 3000 | 3500 | 2250                      | 2250 | 2320 | 2370 | 1246                           | 1246 | 1090 | 1193 | 4015                | 4405 | 5232 | 5647 | 6/12                    |
| ZM370                            | 3700                    | 2000                                  | 2500 | 3000 | 3500 | 2350                      | 2350 | 2420 | 2470 | 1346                           | 1346 | 1190 | 1293 | 4035                | 4425 | 5252 | 5668 | 6/6                     |
| ZM400                            | 4000                    | 2000                                  | 2500 | 3000 | 3500 | 2550                      | 2550 | 2620 | 2670 | 1546                           | 1546 | 1390 | 1493 | 4111                | 4501 | 5330 | 5748 | 6/6                     |
| ZM425                            | 4250                    | 2000                                  | 2500 | 3000 | 3500 | 2675                      | 2675 | 2745 | 2795 | 1671                           | 1671 | 1515 | 1618 | 4135                | 4525 | 5356 | 5775 | 6/6                     |
| ZM450                            | 4500                    | 2000                                  | 2500 | 3000 | 3500 | 2800                      | 2800 | 2870 | 2920 | 1796                           | 1796 | 1640 | 1743 | 4161                | 4551 | 5384 | 5804 | 6/6                     |
| ZM500                            | 5000                    | 1950                                  | 2430 | 2950 | 3370 | 3050                      | 3050 | 3120 | 3170 | 2046                           | 2046 | 1890 | 1993 | 4212                | 4602 | 5438 | 5860 | 6/6                     |
| ZM550                            | 5500                    | 1850                                  | 2250 | 2800 | 3100 | 3350                      | 3350 | 3420 | 3470 | 2346                           | 2346 | 2190 | 2293 | 4309                | 4699 | 5537 | 5963 | 3/6                     |
| ZM600                            | 6000                    | 1750                                  | 2000 | 2500 | 2650 | 3600                      | 3600 | 3670 | 3720 | 2596                           | 2596 | 2440 | 2543 | 4359                | 4749 | 5590 | 6019 | 3/6                     |

Note:(1) 2-2.5t: the free lifting height increases by 376mm without backrest  
(2) 3t: the free lifting height increases by 477mm without backrest  
(3) 3.5t: the free lifting height increases by 407mm without backrest

| Wide View Full Free 3-Stage Mast |                         |                                       |      |      |      |                           |      |      |      |                                |      |      |      |                     |      |      |      |                         |
|----------------------------------|-------------------------|---------------------------------------|------|------|------|---------------------------|------|------|------|--------------------------------|------|------|------|---------------------|------|------|------|-------------------------|
| Mast model                       | Max.lifting height (mm) | Load capacity (lode center 500mm)(kg) |      |      |      | Height (mast lowered)(mm) |      |      |      | Free lift (with backrest) (mm) |      |      |      | Service weight (kg) |      |      |      | Mast tilt angle α/β (°) |
|                                  |                         | 2t                                    | 2.5t | 3t   | 3.5t | 2t                        | 2.5t | 3t   | 3.5t | 2t                             | 2.5t | 3t   | 3.5t | 2t                  | 2.5t | 3t   | 3.5t |                         |
| ZSM360                           | 3600                    | 2000                                  | 2500 | 3000 | 3500 | 1800                      | 1800 | 1870 | 1870 | 796                            | 796  | 640  | 640  | 4094                | 4484 | 5298 | 5684 | 6/6                     |
| ZSM400                           | 4000                    | 2000                                  | 2500 | 3000 | 3500 | 1950                      | 1950 | 2020 | 2020 | 946                            | 946  | 790  | 790  | 4135                | 4525 | 5339 | 5725 | 6/6                     |
| ZSM435                           | 4350                    | 2000                                  | 2500 | 3000 | 3500 | 2050                      | 2050 | 2120 | 2120 | 1046                           | 1046 | 890  | 890  | 4166                | 4556 | 5368 | 5754 | 6/6                     |
| ZSM450                           | 4500                    | 2000                                  | 2500 | 3000 | 3500 | 2100                      | 2100 | 2170 | 2170 | 1096                           | 1096 | 940  | 940  | 4179                | 4569 | 5383 | 5769 | 6/6                     |
| ZSM470                           | 4700                    | 2000                                  | 2500 | 3000 | 3500 | 2165                      | 2165 | 2230 | 2230 | 1161                           | 1161 | 1000 | 1000 | 4198                | 4588 | 5401 | 5787 | 6/6                     |
| ZSM480                           | 4800                    | 2000                                  | 2500 | 3000 | 3500 | 2210                      | 2210 | 2270 | 2270 | 1206                           | 1206 | 1040 | 1040 | 4211                | 4601 | 5411 | 5797 | 6/6                     |
| ZSM500                           | 5000                    | 1950                                  | 2400 | 3000 | 3400 | 2300                      | 2300 | 2370 | 2370 | 1296                           | 1296 | 1140 | 1140 | 4234                | 4624 | 5438 | 5824 | 6/6                     |
| ZSM540                           | 5400                    | 1910                                  | 2250 | 2850 | 3200 | 2400                      | 2400 | 2470 | 2470 | 1396                           | 1396 | 1240 | 1240 | 4266                | 4656 | 5468 | 5854 | 3/6                     |
| ZSM600                           | 6000                    | 1750                                  | 2000 | 2500 | 2650 | 2600                      | 2600 | 2670 | 2670 | 1596                           | 1596 | 1440 | 1440 | 4369                | 4759 | 5572 | 5958 | 3/6                     |
| ZSM650                           | 6500                    | 1650                                  | 1900 | 2220 | 2300 | 2800                      | 2800 | 2870 | 2870 | 1796                           | 1796 | 1640 | 1640 | 4425                | 4815 | 5627 | 6013 | 3/3                     |
| ZSM700                           | 7000                    | 1500                                  | 1650 | 1790 | 1900 | 2975                      | 2975 | 3045 | 3045 | 1971                           | 1971 | 1815 | 1815 | 4475                | 4865 | 5677 | 6063 | 3/3                     |

Note:(1) 2-2.5t: the free lifting height increases by 376mm without backrest  
(2) 3t: the free lifting height increases by 477mm without backrest  
(3) 3.5-3.8t: the free lifting height increases by 407mm without backrest

| Lithium battery            |             |           |           |
|----------------------------|-------------|-----------|-----------|
| Battery brand              | HELI HeDing |           |           |
| Voltage/Capacity           | 80V/280Ah   | 80V/404Ah | 80V/604Ah |
| 2-2.5t                     | ●           | ○         | —         |
| 3-3.5t                     | —           | ●         | ○         |
| Heating at low Temperature |             |           |           |

Note:“●””standard; “○”optional; “—” non-configurable.

| Charger                               |     |                                                                                                                                                                                                                                                        |                    |
|---------------------------------------|-----|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------|
| Model                                 |     | D80V200ALi-123E38C                                                                                                                                                                                                                                     | D80V200ALi-423E38C |
| Applied battery type                  |     | 48/80V lithium battery recommendation: capacity higher than 240Ah                                                                                                                                                                                      |                    |
| Wiring type                           |     | Three-phase four-wiring type                                                                                                                                                                                                                           |                    |
| Power of charger                      | KVA | 22                                                                                                                                                                                                                                                     |                    |
| Air switch model of Upper level power | A   | 63                                                                                                                                                                                                                                                     |                    |
| Input voltage range                   | Vac | 380±15%                                                                                                                                                                                                                                                |                    |
| Input current                         | A   | <40                                                                                                                                                                                                                                                    |                    |
| Output current                        | A   | 0~200                                                                                                                                                                                                                                                  |                    |
| Protection level                      |     | (For indoor use)                                                                                                                                                                                                                                       |                    |
| Working ambient temperature           | ℃   | -20~+45                                                                                                                                                                                                                                                |                    |
| Plugs and sockets                     |     | Charger meeting national standard                                                                                                                                                                                                                      |                    |
| Charger                               |     | Full charging time=required chaging capacity/charging current+0.2h<br>For example: the battery capacity is 80V/404Ah,<br>and the discharging state is alarmed by instrument,<br>The charger is 200A, thus the full charging time is 404*0.9/200+0.2≈2h |                    |