## MINERVA

## CPD60/70 GB2D/GB2DLI



# Compatible in system, Special in style

----- It is rather to achieve mutual achievement than give an ostentatious display of ability.

Compatible

Lithium battery and lead acid battery are optional as you like.

Integrated

Combine the humanization design advantages of both internal combustion forklift truck and electric truck.



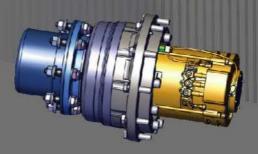
### MINERVA



through easy exchange between lead acid battery power and lithium battery power

## **Efficient and Energy saving**

Powerful dual drive, superior gradeability.



Dual drive power, imported motor and imported wheel reducer, while providing strong power, further improve the safety and stability of the truck.



Driving speed: 15-16km / h



Maximum gradeability with load: 20%



Maximum lifting speed with load: 0.32m/s



Maximum lifting speed without load: 0.46m/s



Good bearing capacity at high position

Double gun charging, fast and efficient.



Charging time
(Charging between shifts)



Lithium battery forklift truck is equipped with double gun charging as standard, which greatly reduces the charging time. Lithium batteries have high-density capability and can be used and charged at any time to realize efficient and continuous operation all day long.

#### Lithium battery options:

- 606Ah capacity (standard configuration): which can be charged for 8
  hours at one time, suitable for light load condition;
- 813Ah capacity: one charge can meet 8-9 hours of operation, suitable for standard working conditions;
- 1084 Ah capacity: one charge, suitable for 9-10 hours operation, suitable for heavy load strengthening conditions.

Multi configuration, low energy consumption.



Parking brake button with two color model is easy to operate.



Independent steering system supplies oil for steering on demand and reduces truck energy consumption.



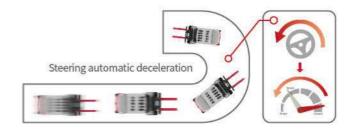
LED light of the whole truck has high brightness, long life and is more energy saving.

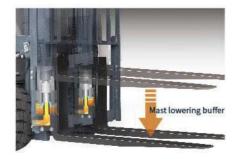


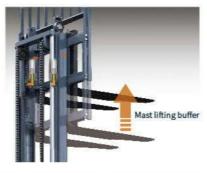
The front wheels are equipped with double tires as standard, with better carrying capacity.



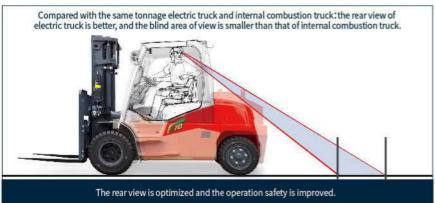
- Intelligent automatic parking: optimized negative braking system and active parking in multiple applications are safe and easy which is safe and easy to make up omissions;
- Intelligent turning speed limit: active speed limit function, balance efficiency and safety when turning at high speed;
- Intelligent limit buffer: intelligent induction of mast lifting and lowering avoids limit impact and is safe and comfortable;
- Intelligent operation protection: a full set of OPS system can avoid misoperation and ensure safety;
- Intelligent control strategy: dual core controller is in line with the latest EU safety requirements.















- · The mast with large opening offers good driving vision ensuring operation comfort and safety.
- It integrates the advantages of internal combustion forklift truck platform to make the driving space more comfortable.
- · Standard imported silent gear pump, greatly reduce the ear noise.







· Optional configuration of intelligent safety buffer system cushion operator from effects of riding over uneven surface and it is more comfortable.

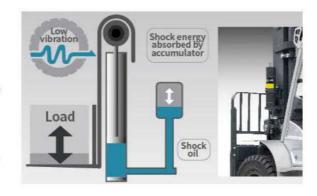
#### Vibration shock reduction

#### Vibration and noise reduction

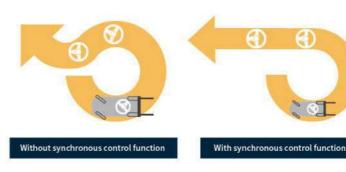
When driving under load condition, the impact noise caused by uneven surface is greatly reduced.

#### Reduced driving fatigue

During the emergency stop operation during the load lowering process, the vibration and driving fatigue caused by inertia impact can be effectively reduced, and the driving safety can be improved.



- Hydraulic synchronous steering system can adjust steering wheel and wheel angle offset smartly and offers accurate steering and comfortable driving. (optional)
- Color screen display which can switch between Chinese and English, display truck speed, working time, battery power, fault code and other information.







### Stable and Reliable

- Imported drive axle and motor are stable and reliable.
- Wet negative braking is safe and reliable.
- The innovative design of mast structure improves the overall strength and stiffness.
- The structural design of the welded large oil tank greatly improves the strength of the frame and the heat dissipation of the hydraulic oil.
- The whole truck can be operated alternately in -20°C cold storage for 6 hours and parked in the cold storage for 12 hours without failure and can continue to work.
- New design of steering axle is safe and reliable.







## **Convenient and Maintenance**

- The layout of the cab is optimized, the battery is located directly under the engine room, and the hood opening angle is large, which facilitate daily inspection and maintenance.
- The controller is located on the counterweight, giving consideration to heat dissipation and maintenance convenience.
- The battery side changing is installed for easy changing between lead-acid battery and lithium battery as you like meet the needs of different customers and occasions.



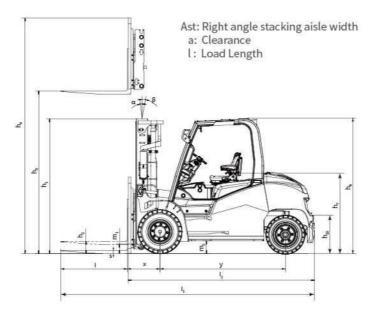


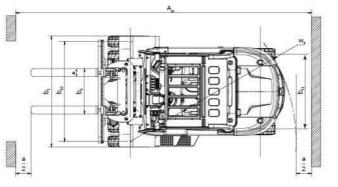


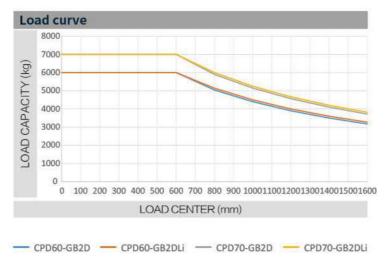
| Vehicle positioning  | Statistical form               |
|----------------------|--------------------------------|
| Remote diagnosis     | Vehicle management             |
| Remote monitoring    | Identification recognition (op |
| laintenance reminder | Weight management (option      |
| Battery management   | Collision management (opti     |



|   | Characteristics  |       |          |                                |  |                   |                  |
|---|--|-------|----------|--------------------------------|--|-------------------|------------------|
| 1.01                                      | Characteristics  |       |          |                                | minen                                  | ue.               |                  |
| 1.01                                      | Manufacturer<br>Model  |       |          | CDDCA                          | CDDGO                                  |                   | CDDZA            |
| 1.02                                      | Configuration number   |       |          | CPD60<br>GB2D                  | CPD60<br>GB2DLi                        | CPD70<br>GB2D     | CPD70<br>GB2DLi  |
| W. C. |  | 0     | tra:     |                                | (1/5/1/4/5/5/6/4/1)                    | TE COMPANY TO CO. | No recincia sono |
| 1.04                                      | Rated capacity   | Q     | kg       | 6000                           | 6000                                   | 7000              | 7000             |
| 1.05                                      | Load center distance   | С     | mm       | 600                            | 600                                    | 600               | 600              |
| 1.06                                      | Power mode   |       |          | Electric                       | Electric                               | Electric          | Electric         |
| 1.07                                      | Driving mode   |       | Via City | Seated                         | Seated                                 | Seated            | Seated           |
| 1.08                                      | Front overhang   | ×     | mm       | 600                            | 600                                    | 605               | 605              |
| 1.09                                      | Wheelbase<br>Weight  | у     | mm       | 2305                           | 2305                                   | 2305              | 2305             |
| 2.01                                      | Total weight (with/without battery)  |       | kg       | 10580/7950                     | 9720/9170                              | 11030/8680        | 10330/9780       |
| 2.02                                      | Axle load (laden,front/rear)   |       | kg       | 5730/4850                      | 4750/4970                              | 5730/5300         | 4880/5450        |
| 2.03                                      | Axle load (unladen,front/rear)   |       | kg       | 16350/1130                     | 15280/1340                             | 16280/1750        | 15730/2000       |
|   | Tyres  |       |          | A CONTRACTOR OF THE CONTRACTOR |  |                   |                  |
| 3.01                                      | Tyre type  |       |          | Solid tyre                     | Solid tyre                             | Solid tyre        | Solid tyre       |
| 3.02                                      | Tyre size, front   |       |          | 8.25-15                        | 8.25-15                                | 8.25-15           | 8.25-15          |
| 3.03                                      | Tyre size,rear   |       |          | 250-15                         | 250-15                                 | 250-15            | 250-15           |
| 3.04                                      | Wheels, number front/rear (x=driven wheels)  |       |          | 4/x2                           | 4/x2                                   | 4/x2              | 4/x2             |
| 3.05                                      | Tread, front   | b10   | mm       | 1567                           | 1567                                   | 1567              | 1567             |
| 3.06                                      | Tread, rear  | b11   | mm       | 1370                           | 1370                                   | 1370              | 1370             |
|   | Dimensions   | 644   | 70000000 | 1010                           | 2010                                   | 2010              | 2010             |
| 4.01                                      | Mast tilt angle (forward/backward)   | α/β   | ۰        | 6/10                           | 6/10                                   | 6/10              | 6/10             |
| 4.02                                      | Height (mast lowered)  | h1    | mm       | 2480                           | 2480                                   | 2480              | 2480             |
| 4.03                                      | Free lifting height  | h2    | mm       | 165                            | 165                                    | 165               | 165              |
| 4.04                                      | Lifting height (standard)  | h3    | mm       | 3000                           | 3000                                   | 3000              | 3000             |
| 4.05                                      | Max. height,extended (with backrest)   | h4    |          | 4460                           | 4460                                   | 4460              | 4460             |
| 4.06                                      | Height of overhead guard   | h6    | mm       | 2500                           | 2500                                   | 2491              | 2491             |
| -   |  |       | mm       |                                | 100000                                 | - CANADA          | VARIATION        |
| 4.07                                      | Seat height relating to SIP (to ground)  | h7    | mm       | 1460                           | 1460                                   | 1460              | 1460             |
| 4.08                                      | Towing coupling height   | h10   | mm       | 470                            | 470                                    | 470               | 470              |
| 4.09                                      | Overall length (with fork)   | 11    | mm       | 4634                           | 4634                                   | 4639              | 4639             |
| 4.10                                      | Overall length (without fork)  | 12    | mm       | 3414                           | 3414                                   | 3414              | 3414             |
| 4.11                                      | Overall width  | b1    | mm       | 2045                           | 2045                                   | 2045              | 2045             |
| 4.12                                      | Fork size:thickness x width x length   | s/e/l | mm       | 60x150x1220                    | 60x150x1220                            | 65x150x1220       | 65x150x1220      |
| 4.13                                      | Fork carriage,according to ISO2328   | 22.00 |          | 4A                             | 4A                                     | 4A                | 4A               |
| 4.14                                      | Distance across fork-arms, Max./Min.   | b5    | mm       | 1845/300                       | 1845/300                               | 1845/300          | 1845/300         |
| 4.15                                      | Distance across fork-arms, Max./Min.   | ml    | mm       | 160                            | 160                                    | 160               | 160              |
| 4.16                                      | Ground clearance (center of wheelbase)   | m2    | mm       | 239                            | 239                                    | 229               | 229              |
| 4.17                                      | pallet 1000 x1200mm crossways  | Ast   | mm       | 4845                           | 4845                                   | 4850              | 4850             |
| 4.18                                      | Right angle stacking aisle width for<br>pallet 1000 x1200mm crossways<br>Right angle stacking aisle width for<br>pallet 800 x1200mm lengthways | Ast   | mm       | 5045                           | 5045                                   | 5050              | 5050             |
| 4.19                                      | Min. outside turning radius  | Wa    | mm       | 3050                           | 3050                                   | 3050              | 3050             |
| A2 7 Z 2 2 7                              | Performance Data   |       |          | 20020000                       | 1000000000                             | 370000000         | graine           |
| 5.01                                      | Travel speed (laden/unladen)   |       | km/h     | 15/16                          | 15/16                                  | 15/16             | 15/16            |
| 5.02                                      | Lift speed (laden/unladen)   |       | m/s      | 0.35/0.46                      | 0.35/0.46                              | 0.32/0.46         | 0.32/0.46        |
| 5.03                                      | Lowering speed (laden/unladen)   |       | m/s      | 0.46/0.45                      | 0.46/0.45                              | 0.48/0.45         | 0.48/0.45        |
| 5.04                                      | Max.drawbar pull (laden/unladen)   |       | N        | 35000                          | 35000                                  | 37000             | 37000            |
| 5.05                                      | Max.gradeability (laden)   |       | %        | 19                             | 19                                     | 18                | 18               |
| 5.06                                      | Acceleration time(10 m)(laden/unladen) Battery   |       | s        | 4.9/5.5                        | 4.9/5.5                                | 4.9/5.5           | 4.9/5.5          |
| 6.01                                      | Battery voltage/Capacity   |       | V/Ah     | 80/840                         | 80/606                                 | 80/960            | 80/606           |
| 6.02                                      | Battery weight (Min./Max.)   |       | kg       | 2150                           | 600                                    | 2350              | 600              |
| 6.03                                      | Battery, according to DIN  |       | ng       | DIN 43536A                     | -                                      | DIN 43536A        | -                |
| 3.00                                      | Motor and controller   |       |          | D.11, 73330A                   |  | DIN 75350A        |                  |
| 7.01                                      | Driving motor powering (S2-60min)  |       | kW       | 2x17.1                         | 2×17.1                                 | 2x17.1            | 2x17.1           |
| 3000000                                   |  |       | 20000    | 2x17.1<br>2x26.5               | 2x17.1<br>2x26.5                       | 2x17.1<br>2x26.5  | 2x17.1<br>2x26.5 |
| 7.02                                      | Lifting motor powering (S3-15%)  |       | kW       |                                | U-000000000000000000000000000000000000 |                   |                  |
| 7.03                                      | Driving motor controlling mode   |       |          | MOSFET/AC                      | MOSFET/AC                              | MOSFET/AC         | MOSFET/AC        |
| 7.04                                      | Lifting motor controlling mode Addition data   |       |          | MOSFET/AC                      | MOSFET/AC                              | MOSFET/AC         | MOSFET/AC        |
| 8.01                                      | Service brake/Parking brake  |       |          | Hydraulic                      | Hydraulic                              | Hydraulic         | Hydraulic        |
| 0.01                                      |  |       |          |                                |  |                   |                  |







**Note:** The vertical axis stands for load capacity and the horizontal axis stands for load center which is calculated from the front surface of the forks to the gravity of the standard load. the standard load means a cubic with 1000mm edge length. When mast is tilted forward, using non-standard forks or loading large goods, the load capacity will be reduced. The load capacity of standard mast at different load center can be known from this load chart.

| Mast  | Max.lifting<br>height | Load capacity (lode center 600mm)<br>(kg) |                  |                |                  | Height (mast lowered)<br>(mm)            | Free lift (with backrest) (mm)           | Service weight (kg) |                  |                | Mast tilt<br>angle |         |
|-------|-----------------------|---|------------------|----------------|------------------|--|--|---------------------|------------------|----------------|--------------------|---------|
| model | (mm)                  | CPD60-<br>GB2D                            | CPD60-<br>GB2DLI | CPD70-<br>GB2D | CPD70-<br>GB2DLI | CPD60- CPD70-<br>GB2D/GB2DLI GB2D/GB2DLI | CPD60- CPD70-<br>GB2D/GB2DLI GB2D/GB2DLI | CPD60-<br>GB2D      | CPD60-<br>GB2DLI | CPD70-<br>GB2D | CPD70-<br>GB2DLI   | α/β (°) |
| M220  | 2200                  | 6000                                      | 6000             | 7000           | 7000             | 2080                                     | 165                                      | 10470               | 9600             | 10920          | 10210              | 6/10    |
| M250  | 2500                  | 6000                                      | 6000             | 7000           | 7000             | 2230                                     | 165                                      | 10510               | 9640             | 10960          | 10250              | 6/10    |
| M270  | 2700                  | 6000                                      | 6000             | 7000           | 7000             | 2330                                     | 165                                      | 10540               | 9670             | 10990          | 10280              | 6/10    |
| M300  | 3000                  | 6000                                      | 6000             | 7000           | 7000             | 2480                                     | 165                                      | 10580               | 9720             | 11030          | 10330              | 6/10    |
| M330  | 3300                  | 6000                                      | 6000             | 7000           | 7000             | 2630                                     | 165                                      | 10610               | 9750             | 11060          | 10360              | 6/10    |
| M350  | 3500                  | 6000                                      | 6000             | 7000           | 7000             | 2730                                     | 165                                      | 10640               | 9780             | 11090          | 10390              | 6/10    |
| M400  | 4000                  | 6000                                      | 6000             | 7000           | 7000             | 3030                                     | 165                                      | 10820               | 9960             | 11270          | 10570              | 6/10    |
| M425  | 4250                  | 6000                                      | 6000             | 7000           | 7000             | 3155                                     | 165                                      | 10850               | 9990             | 11300          | 10600              | 6/10    |
| M450  | 4500                  | 6000                                      | 6000             | 7000           | 7000             | 3280                                     | 165                                      | 10890               | 10020            | 11340          | 10630              | 6/10    |
| M475  | 4750                  | 6000                                      | 6000             | 7000           | 7000             | 3405                                     | 165                                      | 10930               | 10060            | 11380          | 10670              | 6/5     |
| M500  | 5000                  | 6000                                      | 6000             | 7000           | 7000             | 3530                                     | 165                                      | 10960               | 10090            | 11410          | 10700              | 6/5     |
| M550  | 5500                  | 5700                                      | 5900             | 6600           | 6800             | 3830                                     | 165                                      | 11140               | 10270            | 11590          | 10880              | 6/5     |
| M600  | 6000                  | 5400                                      | 5600             | 6400           | 6600             | 4080                                     | 165                                      | 11200               | 10330            | 11650          | 10940              | 6/5     |

| Mast  | Max.lifting<br>height | Load capacity (lode center 600mm)<br>(kg) |                  |                |                  | Height (mast lowered)<br>(mm)            | Free lift (with backrest) (mm)           | Service weight (kg) |                  |                |                  | Mast tilt<br>angle |
|-------|-----------------------|---|------------------|----------------|------------------|--|--|---------------------|------------------|----------------|------------------|--------------------|
| model | (mm)                  | CPD60-<br>GB2D                            | CPD60-<br>GB2DLI | CPD70-<br>GB2D | CPD70-<br>GB2DLI | CPD60- CPD70-<br>GB2D/GB2DLI GB2D/GB2DLI | CPD60- CPD70-<br>GB2D/GB2DLI GB2D/GB2DLI | CPD60-<br>GB2D      | CPD60-<br>GB2DLI | CPD70-<br>GB2D | CPD70-<br>GB2DLI | α/β (°)            |
| ZM220 | 2200                  | 6000                                      | 6000             | 7000           | 7000             | 2060                                     | 710                                      | 10570               | 9700             | 11050          | 10340            | 6/10               |
| ZM250 | 2500                  | 6000                                      | 6000             | 7000           | 7000             | 2210                                     | 860                                      | 10615               | 9745             | 11095          | 10385            | 6/10               |
| ZM270 | 2700                  | 6000                                      | 6000             | 7000           | 7000             | 2310                                     | 960                                      | 10650               | 9780             | 11130          | 10420            | 6/10               |
| ZM300 | 3000                  | 6000                                      | 6000             | 7000           | 7000             | 2460                                     | 1110                                     | 10695               | 9835             | 11175          | 10475            | 6/10               |
| ZM330 | 3300                  | 6000                                      | 6000             | 7000           | 7000             | 2610                                     | 1260                                     | 10730               | 9870             | 11210          | 10510            | 6/10               |
| ZM350 | 3500                  | 6000                                      | 6000             | 7000           | 7000             | 2710                                     | 1360                                     | 10765               | 9905             | 11245          | 10545            | 6/10               |
| ZM400 | 4000                  | 6000                                      | 6000             | 7000           | 7000             | 3010                                     | 1660                                     | 10950               | 10090            | 11430          | 10730            | 6/10               |
| ZM425 | 4250                  | 6000                                      | 6000             | 7000           | 7000             | 3135                                     | 1785                                     | 10985               | 10125            | 11465          | 10765            | 6/10               |
| ZM450 | 4500                  | 6000                                      | 6000             | 7000           | 7000             | 3260                                     | 1910                                     | 11030               | 10160            | 11510          | 10800            | 6/10               |
| ZM475 | 4750                  | 6000                                      | 6000             | 7000           | 7000             | 3385                                     | 2035                                     | 11075               | 10205            | 11555          | 10845            | 6/5                |
| ZM500 | 5000                  | 6000                                      | 6000             | 7000           | 7000             | 3510                                     | 2160                                     | 11110               | 10240            | 11590          | 10880            | 6/5                |
| ZM550 | 5500                  | 5700                                      | 5900             | 6600           | 6800             | 3810                                     | 2460                                     | 11295               | 10425            | 11775          | 11065            | 6/5                |
| ZM600 | 6000                  | 5400                                      | 5600             | 6400           | 6600             | 4060                                     | 2710                                     | 11360               | 10490            | 11840          | 11130            | 6/5                |

NOTE: Free lifting height without backrest, 6t :+340mm; 7t:+180mm

| Mast   | Max.lifting<br>height | Load capacity (lode center 600mm)<br>(kg) |                  |                |                  | Height (mast lowered)<br>(mm) |                       | Free lift (with backrest) (mm) |                       | Service weight (kg) |                  |                | Mast tilt angle  |         |
|--------|-----------------------|---|------------------|----------------|------------------|-------------------------------|-----------------------|--------------------------------|-----------------------|---------------------|------------------|----------------|------------------|---------|
| model  | (mm)                  | CPD60-<br>GB2D                            | CPD60-<br>GB2DLI | CPD70-<br>GB2D | CPD70-<br>GB2DLI | CPD60-<br>GB2D/GB2DLI         | CPD70-<br>GB2D/GB2DLI | CPD60-<br>GB2D/GB2DLI          | CPD70-<br>GB2D/GB2DLI | CPD60-<br>GB2D      | CPD60-<br>GB2DLI | CPD70-<br>GB2D | CPD70-<br>GB2DLI | α/β (°) |
| ZSM360 | 3600                  | 5600                                      | 5750             | 6200           | 6350             | 23                            | 35                    | 9:                             | 20                    | 11080               | 9890             | 11530          | 10500            | 6/5     |
| ZSM400 | 4000                  | 5600                                      | 5750             | 6200           | 6350             | 24                            | 160                   | 10                             | )45                   | 11140               | 9950             | 11590          | 10560            | 6/5     |
| ZSM435 | 4350                  | 5600                                      | 5750             | 6200           | 6350             | 25                            | 85                    | 11                             | 170                   | 11190               | 10000            | 11640          | 10610            | 6/5     |
| ZSM450 | 4500                  | 5600                                      | 5750             | 6200           | 6350             | 26                            | 35                    | 12                             | 220                   | 11220               | 10030            | 11670          | 10640            | 6/5     |
| ZSM480 | 4800                  | 5600                                      | 5750             | 6200           | 6350             | 27                            | 40                    | 13                             | 325                   | 11270               | 10080            | 11720          | 10690            | 6/5     |
| ZSM500 | 5000                  | 5600                                      | 5750             | 6200           | 6350             | 28                            | 805                   | 13                             | 390                   | 11300               | 10110            | 11750          | 10720            | 6/5     |
| ZSM540 | 5400                  | 5300                                      | 5450             | 6000           | 6150             | 29                            | 140                   | 15                             | 525                   | 11360               | 10170            | 11810          | 10780            | 6/5     |
| ZSM600 | 6000                  | 5000                                      | 5150             | 5600           | 5750             | 31                            | .35                   | 17                             | 720                   | 11450               | 10260            | 11900          | 10870            | 6/5     |
| ZSM650 | 6500                  | 4500                                      | 4650             | 5000           | 5150             | 3405                          |                       | 19                             | 990                   | 11530               | 10340            | 11980          | 10950            | 6/5     |
| ZSM700 | 7000                  | 4000                                      | 4150             | 4500           | 4650             | 35                            | 510                   | 20                             | 95                    | 11610               | 10420            | 12060          | 11030            | 6/5     |

NOTE: Free lifting height without backrest, 6t :+340mm; 7t:+180mm



## **Operating Cost Comparison:**

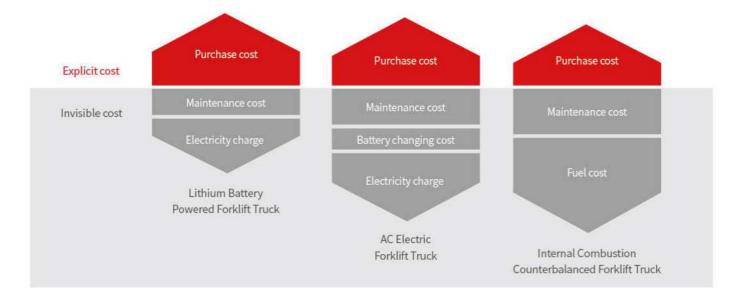
## Lithium battery forklift VS. Lead-acid battery forklift VS. IC forklift

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

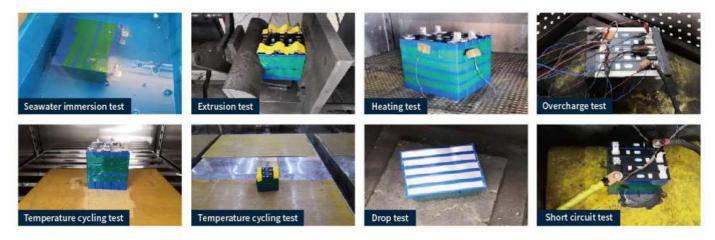
Compared with internal combustion forklift truck, lithium battery forklift truck has the advantages of no noise, no pollution, small vibration and simple operation.

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, MINERVA 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 filled in 2 hours;
- 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: the normal charging and discharging cycles is more than 4000 times or 5 years, and capacity retention rate is more than 75%;
- 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.



|  | _  |
|--|--|
| Steering deceleration  | •  |
|  | •  |
|  | 0  |
|  | 0  |
|  | 0  |
|  | •  |
|  | •  |
|  | 0  |
|  | 0  |
| 1  | •  |
|  | 0  |
|  | •  |
|  | •  |
|  | 0  |
| Reverse radar (4 probes)   | 0  |
| Reversing image (1 camera + 4 probes)  | 0  |
| GRAMMER full suspension seat   | •  |
| 1 USB interface (5V/1A)  | •  |
| Super low torque steering unit   | •  |
| Steering started by steering wheel   | •  |
| Mechanical operation valve   | •  |
| Electromagnetic operation valve (proportional valve+ thumb switch)   | 0  |
| Fan  | 0  |
| Overhead guard with iron frame   | 0  |
| Overhead guard with protection net   | 0  |
| Panel mounted cab( with fan and wiper)   | 0  |
| Heater   | 0  |
| Rear mounted air conditioner only for cooling  | 0  |
| Rear mounted air conditioner only for cooling + heater   | 0  |
| Front windshield (with wiper/no blow can)  | 0  |
| High temperature resistant front windshield  | 0  |
| Rear windshield  | 0  |
| Top windshield (without fan)   | 0  |
|  | •  |
|  | 0  |
|  | 0  |
|  | •  |
|  | 0  |
| The state of the s | 0  |
|  | •  |
|  | -  |
|  | 0  |
| (5) (5) (5) (5) (5) (5) (6) (6) (6) (6) (6) (6) (6) (6) (6) (6   | 0  |
|  | <u> </u>   |
| man protective sieeves for thing cynnder and steering cynnder  |  |
|  | Rear handle with horn for truck reversing Overspeed alarm (5km/h) Overspeed alarm (10km/h) Overspeed alarm (10km/h) OPS(travelling+lifting+tilting+attachment)(lowering is included) Control valve overload Dry powder extinguisher (0.5kg) Dry powder extinguisher (2kg) Backward buzzer Reversing speaker (Chinese) Electronic upper buffering Center wide angle rearview mirror Rearview mirror on two sides + Center wide angle rearview mirror Reverse radar (4 probes) Reversing image (1 camera + 4 probes) GRAMMER full suspension seat 1 USB interface (5V/1A) Super low torque steering unit Steering started by steering wheel Mechanical operation valve Electromagnetic operation valve (proportional valve+ thumb switch) Fan Overhead guard with iron frame Overhead guard with protection net Panel mounted cab (with fan and wiper) Heater Rear mounted air conditioner only for cooling Rear mounted air conditioner only for cooling + heater Front windshield (with wiper/no blow can) High temperature resistant front windshield |

 ${\tt NOTE: ``\bullet" standard ; ``O" optional ; ``-" not applicable; ``: only ZAPI electric controller.}$ 

| <b>Battery capacity</b> | configuration |                             |                     |                     |  |
|-------------------------|---------------|-----------------------------|---------------------|---------------------|--|
| Truck model             | Model         | Standard battery            | Option              | battery             |  |
|                         | CPD60-GB2D    | 80V/840Ah (Domestic)        | 80V/960Ah           | 001//100045         |  |
| Acid type               | CPD70-GB2D    | 80V/960Ah (Domestic)        | 1                   | 80V/1000Ah          |  |
| Lithium tuno            | CPD60-GB2DLi  | 606Ah(HEDING, LISHEN core)  | 80V/813Ah           | 80V/1084Ah          |  |
| Lithium type            | CPD70-GB2DLi  | OUGAII(HEDING, LISHEN COIE) | (ENEROC, CATL core) | (ENEROC, CATL core) |  |





