

# HELI

## G 系列

# 12-18 t

## 锂电平衡重式叉车

### G series 12-18t

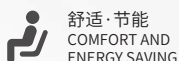
### Lithium Battery

### Counterbalance Forklift Truck



- 液压系统采用60kw电机直驱式，起升速度范围宽泛。
- 动力系统采用120kw单电机驱动方案，以获得最佳动力性能。
- 标配Rexroth高压电控系统。
- 集成电子散热系统，散热效果更好。
- 和鼎磷酸铁锂(LFP)电池，五年或者1万小时，锂电池组容量保持率不低于75%。

- The hydraulic system adopts 60kw motor direct drive, with a wide range of lifting speed.
- The power system adopts 120kw single motor drive scheme to obtain the best power performance.
- Standard Rexroth high voltage electronic control system.
- Integrated electronic cooling system, better cooling effect.
- Heding lithium iron phosphate (LFP) battery, five years or 10,000 hours, lithium battery pack capacity retention rate is not less than 75%.



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COMFORT AND  
ENERGY SAVING



稳定·可靠  
STABLE AND  
RELIABLE



智能·安全  
INTELLIGENT  
SECURITY



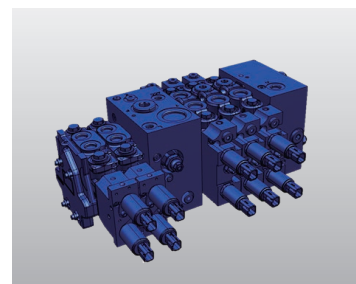
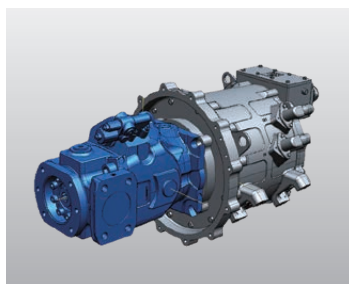
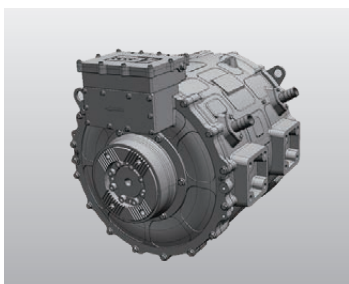
维修便捷  
CONVENIENT  
MAINTENANCE

# 12-18 t

## G系列12-18t锂电平衡重式叉车 G SERIES Lithium Battery Counterbalance Forklift Truck

### Technical Data

| 特性     |                                                                      | Characteristics                     |      |                                 |                                 |                                 |                                 |                                 |
|--------|----------------------------------------------------------------------|-------------------------------------|------|---------------------------------|---------------------------------|---------------------------------|---------------------------------|---------------------------------|
| 1.01   | 型号                                                                   | Model                               |      | CPD120-A20RLiG-09               | CPD135-A20RLiG-06               | CPD150-A20RLiG-06               | CPD160-A20RLiG-06               | CPD180-A20RLiG-06               |
| 1.02   | 额定载荷                                                                 | Rated capacity                      | kg   | 12000                           | 13500                           | 15000                           | 16000                           | 18000                           |
| 1.03   | 载荷中心距                                                                | Load center distance                | mm   | 900                             | 600                             | 600                             | 600                             | 600                             |
| 1.04   | 动力方式                                                                 | Power mode                          |      | 电动/Electric                     | 电动/Electric                     | 电动/Electric                     | 电动/Electric                     | 电动/Electric                     |
| 1.05   | 驾驶方式                                                                 | Driving mode                        |      | 座式/Seat type                    | 座式/Seat type                    | 座式/Seat type                    | 座式/Seat type                    | 座式/Seat type                    |
| 1.06   | 前悬距                                                                  | Front overhang                      | mm   | 795                             | 795                             | 795                             | 795                             | 795                             |
| 1.07   | 轴距                                                                   | Wheelbase                           | mm   | 3250                            | 3250                            | 3250                            | 3250                            | 3250                            |
| 重量     |                                                                      | Weight                              |      |                                 |                                 |                                 |                                 |                                 |
| 2.01   | 总重(含电池)                                                              | Total weight (with/without battery) | kg   | 20300(20750)                    | 20300(20750)                    | 20300(20750)                    | 20300(20750)                    | 21300(21750)                    |
| 尺寸     |                                                                      | Dimensions                          |      |                                 |                                 |                                 |                                 |                                 |
| 3.01   | 门架倾角(前倾/后倾)                                                          | Mast tilt angle (forward/backward)  | °    | 6\12                            | 6\12                            | 6\12                            | 6\12                            | 6\12                            |
| 3.02   | 起升高度(标准)                                                             | Lifting height (standard)           | mm   | 3000                            | 3000                            | 3000                            | 3000                            | 3000                            |
| 3.03   | 外侧转弯半径                                                               | Min. outside turning radius         | mm   | 4500                            | 4500                            | 4500                            | 4500                            | 4500                            |
| 性能     |                                                                      | 性能Performance Data                  |      |                                 |                                 |                                 |                                 |                                 |
| 4.01   | 行驶速度(满载/空载)                                                          | Travel speed (laden/unladen)        | km/h | 22/23                           | 22/23                           | 22/23                           | 22/23                           | 22/23                           |
| 4.02   | 起升速度(满载/空载)                                                          | Lift speed (laden/unladen)          | m/s  | 425/450                         | 425/450                         | 425/450                         | 425/450                         | 425/450                         |
| 4.03   | 下降速度(满载/空载)                                                          | Lowering speed (laden/unladen)      | m/s  | 450/455                         | 450/455                         | 450/455                         | 450/455                         | 450/455                         |
| 4.04   | 最大牵引力(满载/空载)                                                         | Max.drawbar pull (laden/unladen)    | N    | 98/65                           | 98/65                           | 98/65                           | 98/65                           | 98/65                           |
| 4.05   | 最大爬坡能力(满载/空载)                                                        | Max.gradeability (laden/unladen)    | %    | 18/18                           | 18/18                           | 18/18                           | 18/18                           | 18/18                           |
| 电池     |                                                                      | Battery                             |      |                                 |                                 |                                 |                                 |                                 |
| 5.01   | 蓄电池电压/容量(K5)                                                         | Battery voltage/Capacity            | V/Ah | 618.24V/228Ah<br>(579.6V/302Ah) | 618.24V/228Ah<br>(579.6V/302Ah) | 618.24V/228Ah<br>(579.6V/302Ah) | 618.24V/228Ah<br>(579.6V/302Ah) | 618.24V/228Ah<br>(579.6V/302Ah) |
| 电机和控制器 |                                                                      | Motor and controller                |      |                                 |                                 |                                 |                                 |                                 |
| 6.01   | 驱动电机功率(S2-60min)                                                     | Driving motor powering (S2-60min)   | kW   | 120                             | 120                             | 120                             | 120                             | 120                             |
| 6.02   | 起升电机功率(S3-15%)                                                       | Lifting motor powering (S3-15%)     | kW   | 60                              | 60                              | 60                              | 60                              | 60                              |
| 充电机    |                                                                      | Motor and controller                |      |                                 |                                 |                                 |                                 |                                 |
| 7.01   | 爱普拉 120KW双枪直流一体式充电桩Aipura 120KW dual gun DC integrated charging pile |                                     |      |                                 |                                 |                                 | 选项 Options                      |                                 |
| 7.02   | 华为 HWCD18 200-750V120KW充电桩Huawei HWCD18 200-750V120KW charging pile  |                                     |      |                                 |                                 |                                 |                                 |                                 |



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