



**BIRDIE JOYRIDE Models**  
Technical Datasheet

## BIRDIE JOYRIDE Models

### Specification for passenger shuttle buses

|                                                                                 |  |  |  |
|---------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| Motor and battery                                                               | Joyride 8                                                                         | Joyride 14                                                                         | Joyride 23                                                                          |
| AC Motor 7.5 kW                                                                 | •                                                                                 | •                                                                                  | -                                                                                   |
| AC Motor 11 kW                                                                  | -                                                                                 | 0                                                                                  | -                                                                                   |
| AC Motor 18 kW                                                                  | 0                                                                                 | 0                                                                                  | •                                                                                   |
| Battery type                                                                    | BirdieBattery lithium-ion 200A                                                    |                                                                                    |                                                                                     |
| Controller                                                                      | Birdie Controller 72V 400A                                                        | Birdie Controller 72V 400A                                                         | Birdie Controller 96V 500A                                                          |
| Onboard charger                                                                 | 72V 30A                                                                           | 72V 30A                                                                            | 96V 25A                                                                             |
| System voltage (V)                                                              | 72                                                                                | 72                                                                                 | 96                                                                                  |
| Range (km)*                                                                     | 100-125                                                                           | 100-125                                                                            | 90-110                                                                              |
| AC charging time (hours)                                                        |                                                                                   | 4-5                                                                                |                                                                                     |
| Gradeability (%)                                                                | 20                                                                                | 20                                                                                 | 15                                                                                  |
| Max. speed (km/h)                                                               |                                                                                   | 25-40                                                                              |                                                                                     |
| The vehicle's maximum speed depends on the selected mode and the configuration. |                                                                                   |                                                                                    |                                                                                     |

|                                       |  |  |  |
|---------------------------------------|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|
| Vehicle category                      | Joyride 8                                                                          | Joyride 14                                                                          | Joyride 23                                                                           |
| Registration:                         |                                                                                    | 0                                                                                   |                                                                                      |
| Slow vehicle (LJ – 25 km/h category)* |                                                                                    |                                                                                     |                                                                                      |

|                                |  |  |  |
|--------------------------------|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
| Size and weight                | Joyride 8                                                                           | Joyride 14                                                                           | Joyride 23                                                                            |
| Length (mm)                    | 4200                                                                                | 4981                                                                                 | 5700                                                                                  |
| Width (mm)                     | 1520                                                                                | 1520                                                                                 | 1800                                                                                  |
| Height (mm)                    | 2060                                                                                | 2060                                                                                 | 2290                                                                                  |
| Wheelbase (mm)                 | 2100                                                                                | 2670                                                                                 | 3420                                                                                  |
| Track width front/rear (mm)    | 1215/1220                                                                           | 1240/1220                                                                            | 1580/1550                                                                             |
| Ground clearance (mm)          | 115                                                                                 | 130                                                                                  | 130                                                                                   |
| Weight with battery (kg)       | 965                                                                                 | 1360                                                                                 | 1600                                                                                  |
| Max. load capacity (kg)        | 680                                                                                 | 1190                                                                                 | 1955                                                                                  |
| Payload (including passengers) |                                                                                     |                                                                                      |                                                                                       |
| Number of seats (pcs)          | 8                                                                                   | 14                                                                                   | 23                                                                                    |
| Turning radius (m)             | 5                                                                                   | 6,5                                                                                  | 8                                                                                     |



## Wheels

**Joyride 8**

**Joyride 14**

**Joyride 23**

|               |            |            |            |
|---------------|------------|------------|------------|
| Tyre          | 165/70 R13 | 165/70 R13 | 195/70 R15 |
| 13" steel rim | •          | •          | -          |
| 15" steel rim | -          | -          | •          |



## Drivetrain and chassis

**Joyride 8**

**Joyride 14**

**Joyride 23**

|                  |                                               |  |  |
|------------------|-----------------------------------------------|--|--|
| Drivetrain       | Direct drive on the drive axle                |  |  |
| Driven axle      | Rear-wheel drive (RWD)                        |  |  |
| Transmission     | D-N-R (Continuously variable automatic)       |  |  |
| Front suspension | MacPherson suspension with adjustable dampers |  |  |
| Rear suspension  | Leaf-spring suspension with hydraulic dampers |  |  |



## Vehicle lighting

**Joyride 8**

**Joyride 14**

**Joyride 23**

|                           |   |
|---------------------------|---|
| Low-beam headlights       | • |
| High-beam headlights      | • |
| LED daytime running light | • |
| Turn signal front/rear    | • |
| Amber warning light       | 0 |
| Number plate light        | 0 |



## Comfort

**Joyride 8**

**Joyride 14**

**Joyride 23**

|                                                                             |   |
|-----------------------------------------------------------------------------|---|
| Cup holder (pcs)                                                            | 4 |
| Built-in onboard charger (48V 16A)                                          | • |
| Basic instrument cluster (forward/reverse switch, battery charge indicator) | • |
| Digital dashboard with reversing camera                                     | • |
| Interior rear-view mirror                                                   | • |
| 2 x exterior mirrors                                                        | • |
| 2 x LED exterior mirrors                                                    | 0 |
| Built-in radio                                                              | • |
| Speaker / Soundbar                                                          | 0 |
| USB (2 x 5V)                                                                | • |
| Lockable glovebox                                                           | 0 |
| Rain cover                                                                  | 0 |



**Joyride 8**



**Joyride 14**



**Joyride 23**

## Safety

Dual-circuit hydraulic brake system

•

Reverse warning sound

•

Rack-and-pinion steering with automatic  
shock absorption

•

Seatbelts

•

Laminated glass windscreen

•

## Exterior colour and material



**Joyride 8**



**Joyride 14**



**Joyride 23**

Body material

PP Plastic

\*The illustration for the Joyride 14 model shows the available exterior paint colours for the golf carts.



Birdie Green - •



White - •



Blue - 0



Fire Red - 0



Deep Orange - 0



Custom - 0

## Seat colours

Black

•

Grey / Beige

0

\*The illustration for the Joyride 14 model shows the available seat colours for the golf carts.



## Variant

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\*This variant is available in 8- and 14-seat versions.



- Standard equipment
- Optional equipment
- Not available

\*The information provided is for guidance only. The importer reserves the right to change it without prior notice.