

# FOTON 18mtr CITY BUS

MOVING CITIES FORWARD



**CLEANER  
TOMORROW**  
LOW EMISSION  
TECHNOLOGY



**SAFER  
JOURNEYS**  
ADVANCED SAFETY  
SYSTEMS



**SUPERIOR  
COMFORT**  
DESIGNED FOR PASSENGERS  
BUILT FOR DRIVERS



**RELIABLE  
BY DESIGN**  
PROVEN PERFORMANCE  
EVERY DAY



**FOTON**

## BEV ARTICULATED LOW FLOOR BUS

High-capacity electric transport. Built for the city.

- ✓ Plug in Charging or Pantograph Rails
- ✓ ZEB Nominal Battery Capacity 528kWh
- ✓ ISRI Driver Seat Swivel
- ✓ Seated 56 / 30 Standing
- ✓ Coachair Aircon
- ✓ Driver ADAS

**FOTON**  
**MOBILITY**  
DISTRIBUTION

[www.fotonmobility.com.au](http://www.fotonmobility.com.au)



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# FOTON BJ6189 EVCA - R1 - BEV Articulated Low Floor Bus Specifications

## Specifications

|                     |           |
|---------------------|-----------|
| Body Length (mm)    | 17980     |
| Body Width (mm)     | 2500      |
| Overall Height      | 3370      |
| Wheelbase (mm)      | 5800/6000 |
| Rear Overhang (mm)  | 3430      |
| Front Overhang (mm) | 2750      |

## Unladen Mass kg

|                     |           |
|---------------------|-----------|
| Front Axle          | 4850      |
| Central / Rear Axle | 6150/9500 |

## Fully Laden Mass kg

|                     |            |
|---------------------|------------|
| Front Axle          | 5725       |
| Central / Rear Axle | 8550/11750 |

## Vehicle Total Mass kg

|             |       |
|-------------|-------|
| Unladen     | 20500 |
| Fully Laden | 26025 |

## Suspension and Axle

|             |                                    |
|-------------|------------------------------------|
| Front Axle  | ZF RL82A                           |
| Second Axle | ZF AVN132                          |
| Third Axle  | ZF AV133                           |
| Suspension  | Air Suspension with Stabilizer Bar |
| Steering    | Bosch                              |
| ABS/EBS     | WABCO                              |
| ECAS        | WABCO                              |

## Seating Capacity

|                   |    |
|-------------------|----|
| Seated Capacity   | 56 |
| Standing Capacity | 30 |

## Drive / Power System

|                                                       |                                                        |
|-------------------------------------------------------|--------------------------------------------------------|
| Drive Motor                                           | Dual Motor                                             |
| Drive Motor Controller                                | (Huachuang) Integrated motor controller liquid cooling |
| Engine / Motor Power kW                               | 230                                                    |
| Engine / Motor Torque min. Nm.                        | 350                                                    |
| Propulsion Battery Type                               | CATL - LPF                                             |
| ZEB Nominal Capacity for propulsion battery set (kWh) | 528                                                    |

## Australian Inclusions

|                        |              |
|------------------------|--------------|
| A/C                    | Coachair     |
| Doors                  | Ventura      |
| Fire Suppression       | Fogmaker     |
| Tyre Monitoring        | Ventura      |
| CCTV                   | Doran        |
| Seats                  | McConnell    |
| Destination System     | Hanover      |
| Secondary Charge Point | OffSide Rear |
| Pantograph Rails       | Yes          |
| 2 Way Radio            | Mastercom    |
| Driver Seat Swivel     | Yes - ISRI   |
| Driver ADAS            | YES          |

