



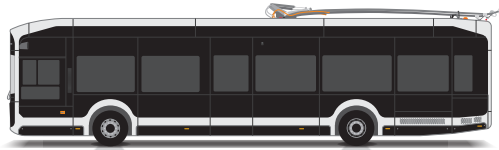
U SERIES TROLLEY

Premium City Bus



U SERIES TROLLEY

U12 TROLLEY

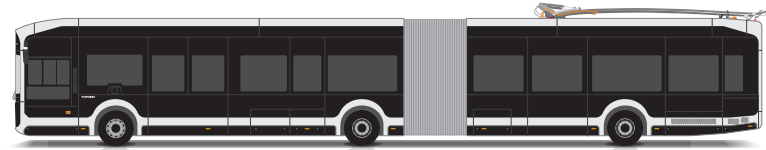


Length[mm] 12170 | Width[mm] 2550
 Height[mm] 3600 | Wheelbase[mm] 6000

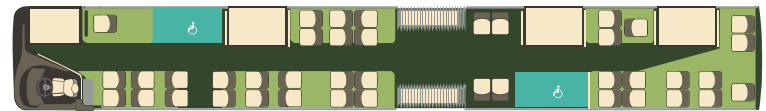


Number of Seats: 34+2+1

U18 TROLLEY



Length[mm] 18720 | Width[mm] 2550
 Height[mm] 3600 | Wheelbase[mm] 5900+6650



Number of Seats: 41+1

SPECIFICATIONS

	U12 TROLLEY	U18 TROLLEY
Basic parameters		
L (mm)	12170	18720
W (mm)	2550	2550
H (mm)	3600	3600
Wheelbase (mm)	6000	5900+6650
Tire	275/70R22.5	275/70R22.5
Max speed (km/h)	70	70
Max number of seats	up to 37(34+2+1)	up to 42(41+1)
Max passenger capacity	up to 93	up to 140

	U12 TROLLEY	U18 TROLLEY
Max manufacturer's total mass (kg)	19200	30000
Front/middle/rear axle (kg)	7700/11500	7700/10800/11500
Floor type	Low floor	Low floor
Electric powertrain system		
Traction battery (kWh)	up to 176.04	up to 255.02
Rated power (kW)	150	2*120
Max gradeability	18%	17%
Single plug	●	●
Charging plug current (250A)	●	●
Emergency Assist for Pedal Misapplication (EAPM)	●	●
Intelligent power control	●	●
Seat		
Passenger seat (plus)	●	●
Wheelchair area	●	●
Yutong standard driver seat	●	●
Yutong electric driver seat	○	○
ISRI driver seat	○	○
Interior		
Driver partition	●	●
Wheelchair ramp	●	●
Electric wheelchair ramp	○	○
Exterior		
Passenger door	2-2-2	2-2-2-2/2-2-2
Single layer glass	●	●
Insulated side window glass	○	○
Manual driver window	●	●
Power driver window	○	○
Standard front windshield glass	●	●
Electric heating front windshield	○	○
Climate control system		
Heating and cooling	●	●
Heating system	●	●
Cooling/heating defroster	●	●

	U12 TROLLEY	U18 TROLLEY
Chassis		
Front axle	ZF	ZF
Drive axle	ZF	ZF
Third axle	—	ZF
Air suspension	●	●
ECAS	●	●
Steering wheel position	LHD	LHD
EPB	●	●
Safety and driver assistance system		
Forward Collision Warning (FCW)	●	●
Lane Departure Warning System (LDWS)	●	●
Moving Off Information System (MOIS)	●	●
Blind Spot Information System (BSIS)	●	●
Intelligent Speed Assistance (ISA)	●	●
Driver Drowsiness and Attention Warning (DDAW)	●	●
Advanced Driver Distraction Warning (ADDW)	●	●
Collision Mitigation System (CMS)	○	○
Electronic Braking System (EBS)	●	●
Electronic Stability Control (ESC)	●	—
Alcolock	○	●
Tire Pressure Monitoring System (TPMS)	●	●
360° panoramic view system	●	●
Electronic rearview mirror	○	○
Reversing radar	●	●
Intelligent headlamp	●	●
Audio-video entertainment and lighting		
Adjustable instrument	●	●
Microphone	●	●
On-board Wi-Fi	—	●
Headlamp, LED	●	●

● Standard ○ Optional — N/A

ADVANCED DRIVER ASSISTANCE SYSTEM

Forward Collision Warning (FCW)

FCW system monitors the distance to the vehicle ahead, assesses collision risks, and provides audible and visual warnings in advance.

Lane Departure Warning System (LDWS)

LDWS is a safety assistance system that detects unintentional lane deviations and alerts the driver through visual/audible warnings to prevent lane departure accidents.

Moving Off Information System (MOIS)

MOIS is an assistive warning system that monitors real-time road and environmental conditions, providing early risk alerts, and enhancing driving safety.

Blind Spot Information System (BSIS)

BSIS monitors vehicle blind spots on both sides and rear through onboard sensors. When detecting moving objects like vehicles or non-motor vehicles in these areas, it alerts the driver via visual/audible warnings to prevent collisions during lane changes or turns. The system provides warnings only.

Intelligent Speed Assist (ISA)

ISA automatically detects the legal speed limit for the current road section and helps drivers avoid overspeeding through alerts or interventions, enhancing both safety and compliance.

Driver Drowsiness and Attention Warning (DDAW)

DDAW monitors driver fatigue and attention levels in real time, providing audio/visual/tactile warnings in advance and reducing the risk of accidents caused by fatigue driving.

Advanced Driver Distraction Warning (ADDW)

ADDW helps identify potential driver distraction and delivers timely alerts to support safer driving.

Collision Mitigation System (CMS)

CMS reduces vehicle speed through active or assisted braking when a potential collision is detected, thereby minimizing impact severity.

Electronic Braking System (EBS)

EBS is an intelligent braking system that controls braking via electronic signals. It precisely, rapidly, and collaboratively controls vehicle braking, greatly enhancing braking safety and stability. It's also an advanced version of ABS/ASR.

Electronic Stability Control (ESC) System

ESC is an active safety system that prevents skidding, drifting, and loss of vehicle control by automatically adjusting wheel braking force and engine power to enhance driving stability and safety.



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