



Vehicle specifications

Urbino 40 & 60 electric



SOLARIS
A CAF GROUP COMPANY



Urbino 40 & 60 electric

Zero-emission transit bus

Key dimensions

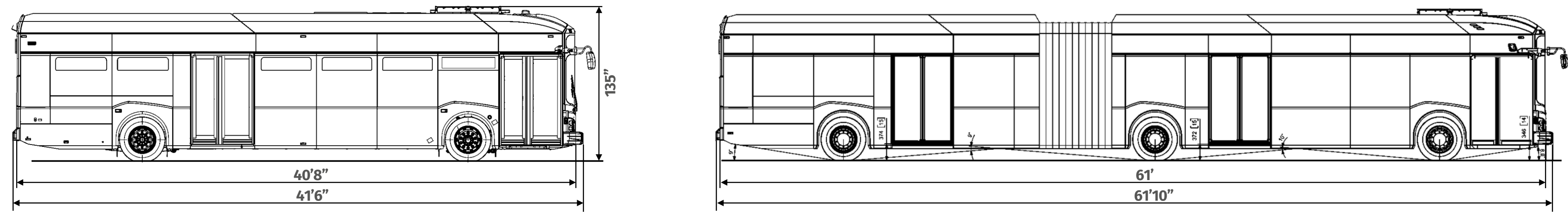
	40	60
Length (over body) [ft / in]	40'8"	61'0"
Length (over bumpers) [ft / in]	41'6"	61'10"
Width (w/o mirrors) [in]	102	
Height (with roof charging rails) [in]	135	
Front overhang, centerline of axle over bumper [in]	101	
Rear overhang, centerline of axle over bumper [in]	113	
Approach/Departure Angles [°]	8.6/9	
Tires	305x70R22.5	
Entrance height, front door (kneeled / ride) [in]	10.3 / 13.6	
Entrance height, rear doors (kneeled / ride) [in]	14 / 14.6	
Turning radius [ft / in]	44'0"	

Weight

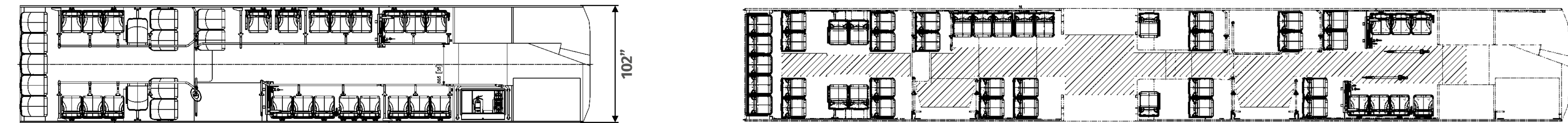
	40	60
Maximum technically permissible GVWR [lbs.]	44,753	70,654
Front axle - maximum technically permissible load [lbs.]	16,093	16,093
Drive axle - maximum technically permissible load [lbs.]	28,660	28,660
Neutral axle - maximum technically permissible load [lbs.]	-	25,901

Passenger capacity and ramp	40	60	Mirrors	40	60
Maximum seated passenger capacity	41	50	Traditional mirrors (with low-mount streetside)	S	
Maximum total passenger capacity	65	123	High-mount streetside mirror	O	
Wheelchair ramp, 1st door, flip-out, electrically operated	S		Digital mirrors system	O	
Wheelchair ramp, 1st door, flip-out, hydraulically operated	O				

Main dimensions and example of door configuration



Examples of seat layouts



Body	40	60
Stainless steel structure		S
Removable side panels		S
Provision for bike rack		O
Doors	40	60
First door slide glide		S
Other doors: plug style		S
Other doors: slide glide		O
Door controller - analogue		S
Door controller - digital		O
Voice annunciation system		O
Glazing	40	60
One-piece windshield		S
Two-pieces windshield		O
Flush mount side windows		S
Framed side windows		O
Heated destination sign window		O

Motor	40	60
Synchronous, max power [kW] - standard	230	2x 230
Synchronous, max power [kW] – optional	300	-
Batteries and charging	40	60
Capacity (up to) [kWh]	528	704
Plugin CCS1		S
Plugin CCS 250A HPC		O
Pantograph (J3105 roof charging rails)		O
Chassis components and functional systems	40	60
Front axle – rigid beam		S
Drive axle - classic axle		S
Neutral axle - portal axle	-	S
Electronic suspension with front kneeling		S
No central lubrication point		S
Central point (solid lubricating grease)		O
Steering system – Electric Pump 24V		S

Braking system	40	60
Electronic Braking System (EBS)		S
Automatic Traction Control (ATC)		S
Brake pads wear monitoring		S
Electronic Stability Control (ESC)		O
Hill Holder		S

Air-conditioning and heating	40	60
Conventional AC with R407c		S
AC with heat pump		O
Heating Convectors		S
Forced-air heating convectors		O
Secondary electric heater		O
Ramp heater		O

Assistance Systems	40	60
Collision avoidance system		O
Exterior rear-view camera		O
Cornering light function		O
Automatic refilling coolant system		O
Diagnostics monitor in rear compartment		S
External speakers		O

Electric and electronic systems	40	60
Continental multiplex system with cybersecurity		S
Interior LED lighting		S
Blue light behind operator's area		O



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