

Ikarus electric buses	Ikarus 80e	Ikarus 120e	Ikarus 180e
			
Length/Width/Height	8545/2420/3300 mm	12190/2550/3300-3550 mm	18750/2550/3360 mm
Passenger capacity**	18/64	35/84	45/126
Motor	central, PMS, liquid cooling, CRRC	central, PMS, liquid cooling, CRRC	central (single or double drive), PMS, liquid cooling, CRRC
Battery	CATL LFP	CATL LFP	CATL LFP
Range SORT-II	410 km	480 km/580 km	580 km/650 km
Rated power	200 kW	240/350 kW	350/375 kW
Max torque	2 000 Nm	3 200/3 500 Nm	3 500 Nm
Battery capacity	266/290 kWh	360/465 kWh	563/640 kWh
GVW	15t	19t	30t
Tire size	19,5"	22,5"	22,5"
Door arrangement	1-2-0	2-2-2*	2-2-2-2*
Assistant systems (ADAS) Meeting GSR-II	Ruiming, Mobileye 8 Connect, Fisheye	Ruiming, Mobileye 8 Connect, Fisheye	Ruiming, Mobileye 8 Connect, Fisheye
	Driver fatigue monitoring	Driver fatigue monitoring	Driver fatigue monitoring
Suppliers	Actia, BOSCH, CATL, CRRC, Hella, ISRI, KNORR, OEI	Actia, BOSCH, CATL, CRRC, Hella, ISRI, KNORR, OEI	Actia, BOSCH, CATL, CRRC, Hella, ISRI, KNORR, OEI
SIEMENS pantograph	n/a	optional	optional
Telemetry	integrated	integrated	integrated

\*optional alternative arrangements  
(inward gliding, swinging and plug-sliding available)

For all vehicles:

\*\*Variable interior layout

V2G compatibility for the battery system

Models suitable for M3/II. category

Low and ultra-low temperature heat pumps

Diesel heater

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