

eCANTER 6S15e

LEFT-HAND DRIVE

MODEL / VEHICLE TYPE

	6S15e			
Cab type / crew	Standard, single cab / 3			
Battery variant	S			M
Model variant	84004212	84004312	84004512	84005512
FUSO model code	FEAVKBLCSEU1	FEAVKCLCSEU1	FEAVKELCSEU1	FEAVKELDSEU1

DIMENSIONS [MM]

Wheelbase	2500	2800	3400	
Overall length	4766	5044	5788	
Cab length	1510			
Width overall	1876			
Cab width	1695			
Height overall	2160–2237	2159–2238	2157–2246	2152–2222
Track width	Front / rear		1390 / 1435	
Frame height (at end of frame)	150			
Ground clearance	260			250
Cab to rear axle	1975	2279	2879	
Cab to end of frame	3128	3478	4278	
Maximum body length ²⁾	3500	3995	4985	
Frame width	701			
Front overhang	993			
Rear overhang	1145	1195	1395	
Front axle to front of body	625			
Recommended distance cab to body	100			

WEIGHTS [KG]

Empty weight ¹⁾		2595	2605	2630	3105
	Front / rear	1510 / 1085	1535 / 1070	1555 / 1075	1735 / 1370
Gross vehicle weight	6000				
Technical axle loads ¹⁾	Front / rear	2600 / 4500			
Chassis load bearing capacity ²⁾		3405	3395	3370	2895

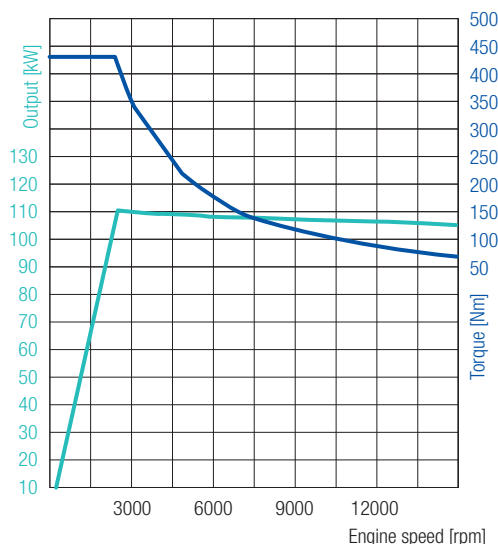
DRIVING PERFORMANCE AND AGILITY

Maximum speed	km/h	89			
Minimum turning circle [m]	Kerb to kerb	9.8	10.8	12.8	
	Wall to wall	10.8	12.0	14.0	

¹⁾ The weight refers to the base vehicle (European series, including high voltage battery, tyre sealant, tools and driver with 75 kg) without optional equipment. If any optional equipment is added, the weight changes accordingly.

²⁾ Calculated maximum value which should be checked depending on the body and application.

Subject to change without notice. All data is approximate.


110 kW (150 hp)
430 Nm

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ELECTRIC DRIVE

Type	S40		
Peak output / continuous output	110 kW (150 hp) / 85 kW (116 hp)		
Maximum torque / continuous torque	430 Nm / 250 Nm		
PTO (optional)	Type	mPTO for pump connection	mPTO for pulley
	Maximum torque	222 Nm at 2000 rpm	64 Nm at 7000 rpm
	Continuous power / torque	17 kW / 166 Nm, maximum 2000 rpm	17 kW / 46 Nm, maximum 7000 rpm
	Gear ratio	0.286	–

HIGH VOLTAGE BATTERY

Battery variant	S		M
Capacity usable / installed	kWh	39 / 41	78 / 82
Weight ³⁾	kg	475	950
Range ⁴⁾	km	70	140

CHARGING

Connection type / variants	CCS TYP 2 (AC / DC)		
Maximum charging capacity AC / DC	kW	11 / 70	22 / 104
Maximum charging time AC ⁵⁾	0–100 % h:min	4:12	4:54
Maximum charging time DC ⁵⁾	20–80 % h:min	0:24	0:26
	5–90 % h:min	0:36	0:44

POWERTRAIN

Climbing ability	20 %
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CHASSIS

Front axle / rear axle	Independent suspension / E-axle		
Tyres	205/75 R 17.5		
Wheel	17.5 x 6.00 - 115		
Steering	Left-hand drive	Recirculating ball steering with power assist, tilting telescopic steering column with steering-wheel lock	
Brake	Service brake	Hydraulic with vacuum power assist, dual-circuit with load-dependent brake proportioning valve at rear wheels	
	Front / rear	Disc brake (293 x 40 mm / 314 x 35 mm)	
	Parking brake	Electromechanical brake caliper on rear disc brake	
Suspension	Front / rear	Coil springs with shock absorber / Semi-elliptic leaf springs with shock absorber and stabilizer	
Frame	Type	Ladder-type frame with reinforcements and crossmembers	
Electrical system	Low voltage batteries	Series 12 V (80 Ah), optional 24 V (80 + 60 Ah)	

3) The specified weight includes both the battery(ies) with 325 kg each and the peripheral installations (cabling, temperature control, protection, etc.).

4) The range depends on various factors such as load, driving style, topography, ambient temperature or weather, battery age, vehicle equipment. The actual range may vary.

The given values for the range were tested with a box body, a load of 50 % of the payload, an ambient temperature of 20 °C and an average battery age.

5) The charging time depends on various factors such as the charging capacity of the vehicle and charging station, the battery's state of charge, ambient and battery temperature.

The given values for the charging time were tested under optimum ambient temperature of 20 °C.

The illustrations may contain accessories and items of optional equipment which are not part of the standard specification. The data sheet may contain product types and support services not available in certain countries.