



EFL201

4-WHEEL LI-ION COUNTERBALANCE FORKLIFT 2.0T

2000 kg 5000 mm 80 V Li-Ion



The EFL201 is a reliable all-rounder forklift for both indoor and outdoor tasks, thanks to its high ground clearance, big tyres and water resistance.

The maintenance-free lithium battery and robust chassis also make it more suitable for rental business.

SPECIFICATION	REF	UNIT	VALUE
Battery type			Li-Ion
Battery nominal capacity K5		Ah	150
Battery voltage		V	80
Rated capacity	Q	kg	2000
Load centre distance	c	mm	500
Service weight		kg	3137
Height, mast lowered	h_1	mm	2020
Lift	h_3	mm	3000
Height, mast extended	h_4	mm	4028
Overall length	l_1	mm	3342
Overall width	b_1/b_2	mm	1080
Length to face of forks	l_2	mm	2272
Fork dimensions	s/e/l	mm	40×122×1070
Turning radius	Wa	mm	2100
Manufacturer			EP
Model designation			EFL201

Features

Powerful 80V Li-ion energy system

Equipped with EP's in-house 80V/150Ah Li-ion battery and 80V/35A integrated charger, the EFL201 provides strong power output, quick opportunity charging, and zero maintenance. The 80V voltage ensures higher efficiency and performance than conventional 48V systems.



Optimized mast design for visibility and safety

The newly designed mast features fewer oil tubes within the operator's field of vision, improving visibility of fork tips and surrounding areas. This enhances safety and precision during stacking, loading, and maneuvering in narrow aisles.

Operator comfort and ergonomic layout

The EFL201's ergonomic improvements include a repositioned accelerator pedal for additional legroom, an adjustable steering wheel, and a comfortable seat for fatigue-free operation. The simple component layout allows easy maintenance and servicing.



High ground clearance and outdoor capability

With 120 mm of ground clearance and solid rubber tires, the EFL201 handles uneven floors and outdoor surfaces effortlessly. Its water-resistant design allows year-round operation, providing stable performance even in challenging environments.

VDI Chart

	SPECIFICATION	REF	UNIT	VALUE
1.1	Manufacturer			EP
1.2	Model designation			EFL201
1.3	Drive			Electric
1.4	Operator type			Seated
1.5	Rated capacity	Q	kg	2000
1.6	Load centre distance	c	mm	500
1.8	Load distance, centre of drive axle to fork	x	mm	465
1.9	Wheelbase	y	mm	1448
2.1	Service weight		kg	3137
2.2	Axle loading, laden front/rear		kg	4604/533
2.3	Axle loading, unladen front/rear		kg	1270/1867
3.1	Tyres			Solid rubber
3.2	Tyre size, front		mm	6.5-10
3.3	Tyre size, rear		mm	5.00-8
3.5	Wheels, number front/rear (x=drive wheels)			2x/ 2
3.6	Tread width, front	b ₁₀	mm	905
3.7	Tread width, rear	b ₁₁	mm	920
4.1	Tilt of mast/fork carriage forward/backward		°	6/ 10
4.2	Height, mast lowered	h ₁	mm	2020
4.3	Free lift	h ₂	mm	100
4.4	Lift	h ₃	mm	3000
4.5	Height, mast extended	h ₄	mm	4028
4.7	Height of overhead guard (cabin)		mm	2080
4.8	Seat height relating to SIP/stand height		mm	1060
4.12	Coupling height		mm	370
4.19	Overall length	l ₁	mm	3342
4.20	Length to face of forks	l ₂	mm	2272
4.21	Overall width	b ₁ /b ₂	mm	1080
4.22	Fork dimensions	s/e/l	mm	40×122×1070
4.23	Fork carriage ISO 2328, class/type A, B			2A
4.24	Fork carriage width		mm	1040
4.31	Ground clearance, laden, below mast		mm	115

SPECIFICATION		REF	UNIT	VALUE
4.32	Ground clearance, centre of wheelbase	m ₂	mm	120
4.34.1	Aisle width for pallets 1000×1200 crossways	Ast	mm	3765
4.34.2	Aisle width for pallets 800 × 1200 lengthways	Ast	mm	3965
4.35	Turning radius	Wa	mm	2100
5.1	Travel speed, laden/unladen		km/h	11/14
5.2	Lift speed, laden/unladen		m/s	0.25/ 0.3
5.3	Lowering speed, laden/unladen		m/s	0.43/ 0.45
5.8	Max. gradeability, laden/unladen		%	12/15
5.10	Service brake			Hydraulic
5.11	Parking brake			Mechanical
6.1	Drive motor rating S2 60 min		kW	6
6.2	Lift motor rating at S3 15%		kW	11
6.4	Battery nominal capacity K5		Ah	150
6.4	Battery voltage		V	80
6.4.1	Battery type			Li-Ion
6.5	Battery weight		kg	116
6.6	Energy consumption according to DIN EN 16796		kWh/h	5.72
6.7	Turnover output according to VDI 2198			132
6.8	Turnover efficiency according to VDI 2198			24.45
8.1	Type of drive unit			AC
10.1	Operating pressure for attachments		bar	180
10.2	Oil volume for attachments		ℓ/min	25
10.5	Steering design			Hydraulic
10.7	Sound pressure level at the driver's seat		dB(A)	70

Mast Options

MAST TYPE	LIFT HEIGHT (H3, MM)	MAST LOWERED HEIGHT (H1, MM)	MAST EXTENDED HEIGHT, NO BACKREST (H4, MM)	MAST EXTENDED HEIGHT, WITH BACKREST (H4, MM)	FREE LIFT HEIGHT, NO BACKREST (H2, MM)	FREE LIFT HEIGHT, WITH BACKREST (H2, MM)
2W250	2500	1770	3185	3528	100	100
2W270	2700	1870	3385	3728	100	100
2W300	3000	2020	3685	4028	100	100

MAST TYPE	LIFT HEIGHT (H3, MM)	MAST LOWERED HEIGHT (H1, MM)	MAST EXTENDED HEIGHT, NO BACKREST (H4, MM)	MAST EXTENDED HEIGHT, WITH BACKREST (H4, MM)	FREE LIFT HEIGHT, NO BACKREST (H2, MM)	FREE LIFT HEIGHT, WITH BACKREST (H2, MM)
2W330	3300	2170	3985	4328	100	100
2W350	3500	2270	4185	4528	100	100
2W360	3600	2320	4285	4628	100	100
2F300	3000	2028	3485	4028	1543	1000
2F330	3300	2178	3785	4328	1693	1150
2F360	3600	2328	4085	4628	1843	1300
3F435	4350	2035	5074	5378	1196	892
3F450	4500	2085	5224	5528	1246	942
3F480	4800	2185	5524	5828	1346	1042
3F500	5000	2250	5724	6028	1411	1107

Options

ITEM	OPTIONS (optional items marked in yellow)
Fork dimension	122*40*920 122*40*1070 122*40*1150 122*40*1220 122*40*1370 122*40*1500 122*40*1600 122*40*1700 122*40*1820
Fork carriage width option	1040mm Yes and can be customized
Fork carriage height option	1028mm Yes and can be customized
Front wheel material	Solid Non-marking solid
Rear wheel material	Solid Non-marking solid
Battery capacity	80V150AH 80V205AH 80V280AH
Charger	80V35A integrated 80V60A integrated 80V65A 80V130A
Battery display indicator (BDI)	With time
Seat type	Regular Premium Suspension Suspension+Seatbelt logic switch
Attachments	No Built-in sideshifter External shifter Fork positioner
Traction pin	Yes
Anti-static chain	Yes
Front lamp	LED
Rear lamp	No LED

ITEM	OPTIONS (optional items marked in yellow)
Warning lamp	Yes
Blue lamp	No 2 front 1 rear 2 front + 1 rear
Area warning lamp	No Red, 1 left + 1 right
Rearview mirror	1 rearview mirror 2 mirros on both sides
Buzzer	Yes
OPS system	Yes and not customized No
Cabin	No Basic half cabin Upgrade half cabin Full cabin
Turn signal light	Yes
Foldable fork	No Yes and not customized