

ECB25/27

CHARGE FOR ONE HOUR. RUN FOR SEVEN*

5,400 lbs - 5,950 lbs | 80V AC Motor | Zero Battery Maintenance | 10-year Battery Warranty



WORK SMARTER

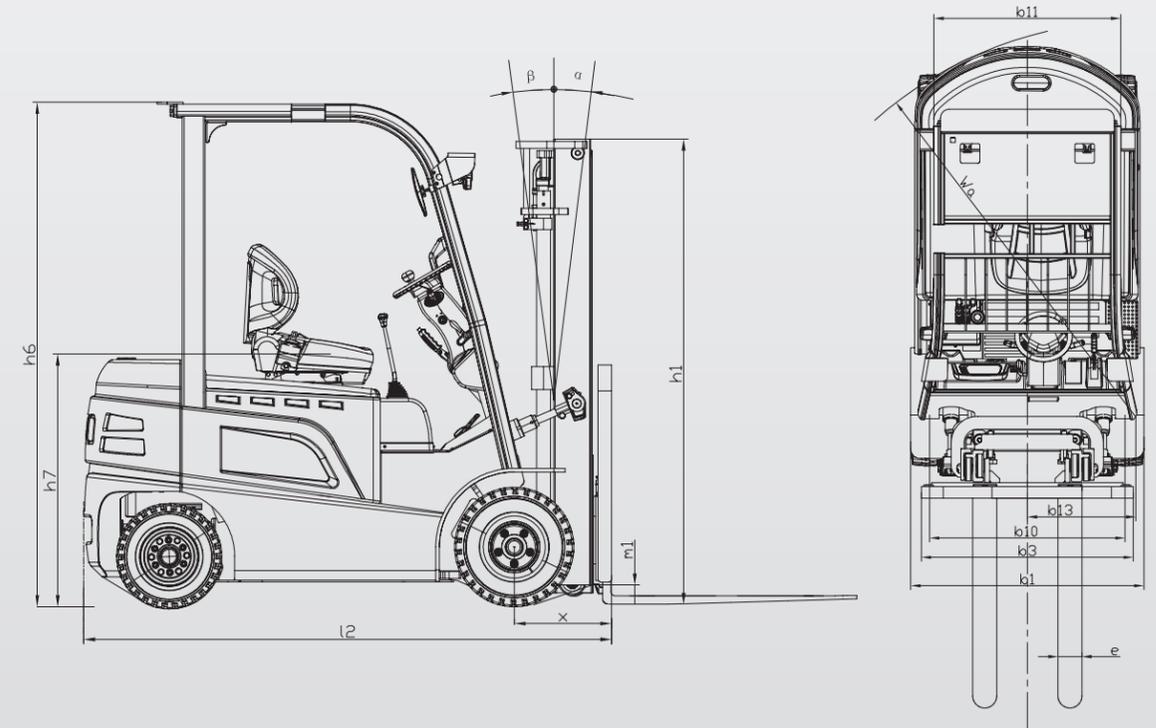
With rapid, restriction-free charging, BYD forklifts operate across multiple shifts without the need to change or replace batteries. Built using iron-phosphate technology, each forklift includes a state-of-the-art Battery Management System and the longest battery warranty in the industry. With BYD, peace of mind is assured.

*Runtimes and charging rates vary depending on model, charger and application



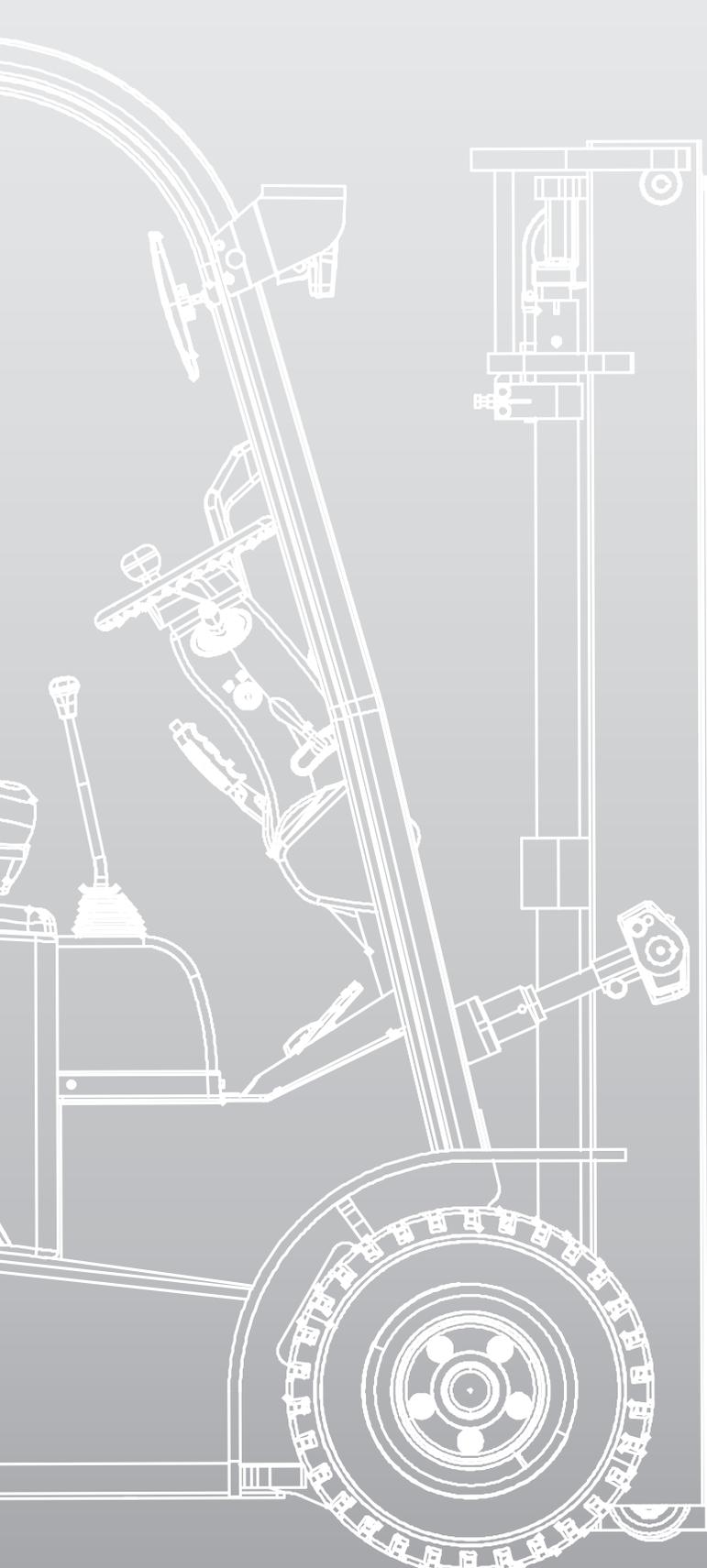
ECB25/27 Specifications

				ECB25 B/C	ECB25 D/E	ECB27
	Load capacity: rated load to 118" @ 24" LC		lb	5400	5400	5950
	Operating voltage		v	80 volts	80 volts	80 volts
	Drive Motors			Dual	Single	Dual
Dimensions	Length to face of forks	l2	in	90.7	90.7	91.3
	Minimum turning radius	Wa	in	79.5	79.5	74.6
	Load distance, center wheel to face of forks	x	in	16.7	16.7	16.9
	Basic right-angle stack (add load and clearance)		in	96.3	96.3	91.5
	Overall width	b1	in	47.0	48.0	47.0
	Seat height	h7	in	43.3	43.3	43.3
	Overhead guard height	h6	in	86.4	86.4	86.4
	Carriage width	b3	in	40.9	40.9	40.9
	Carriage ITA Type			II	II	III
	Tilt range (forward/backward)		deg	5/8	5/9	5/5
	Ground clearance with load, below mast	m1	in	3.7	3.7	3.7
Performance	Travel speed (loaded/unloaded)		MPH	12 / 12	9 / 9	11 / 11
	Lift speed (loaded/unloaded)		FPM	83 / 90	83 / 90	83 / 90
	Lowering speed (loaded/unloaded)		FPM	102 / 94	100 / 80	102 / 94
	Max gradeability (loaded/unloaded)		%	20 / 20	15 / 20	18 / 20
Power System	Drive motor rating (S2=60 min)		KW	8 x 2	9	8 x 2
	Lift motor rating (S3=15% ED)		KW	21	21	21
	Battery capacity		KWh	21.6 / 43.2	21.6 / 43.2	21.6 / 43.2
	Charging time			1.3h / 2.6h	1.3h / 2.6h	1.3h / 2.6h
	Battery weight		lb	772	772	772
	Type of drive control			AC	AC	AC
Weight	Service weight including battery		lb	9240	9284	9812
	Axle load, fully loaded (front/rear)		lb	12813 / 1960	12855 / 1962	13975 / 1812
	Axle load, unloaded (front/rear)		lb	3913 / 5347	3953 / 5351	3966 / 5867
Tires	Wheel size, front wheel or driving wheel		Spec	21x8-9	21x8-9	21x8-15
	Wheel size, rear wheel or supporting wheel		Spec	18x7-8	18x7-8	18x6-12.125
	Track width front	b10	in	39.37	38.19	39.37
	Track width rear	b11	in	37.6	37.6	37.99



ECB25/27 Mast Specifications

Mast Specifications (in)	Fork Height	Free Lift	Collapsed Height	Extended Height	Fwd Tilt	Back Tilt	Capacity 24" LC	
							ECB25	ECB27
2-Stage Standard Mast	118	5	83	157	5°	8°	5402	5954
	130	5	89	169	5°	8°	5248	5887
	138	5	93	177	5°	8°	5160	5777
	157	5	103	197	5°	8°	4873	5490
	177	5	114	217	5°	6°	4586	5204
2-Stage FFL Mast	197	5	126	236	5°	6°	4366	4675
	118	45	83	157	5°	8°	5402	5954
	130	51	89	169	5°	8°	5248	5887
	138	55	93	177	5°	8°	5160	5777
3-stage FFL Mast	157	65	103	197	5°	8°	4873	5490
	157	45	76	197	5°	6°	4873	5490
	177	51	82	217	5°	6°	4454	5204
	189	55	86	228	5°	6°	4366	5072
	197	58	90	236	5°	6°	4145	4675
	217	64	98	256	5°	6°	3528	4410
	236	71	106	276	5°	6°	2426	2642
	256	77	112	295	5°	3°	1544	1446



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FEATURES

STANDARD EQUIPMENT

Iron Phosphate Battery Technology
Battery 80V ■ 21.6 kWh ■ 270Ah
Charger 80V ■ 200A
80V AC Drive Motor(s)
Regenerative Braking
LED Lights (Front ■ Rear ■ Strobe)
LCD Display
4-Way Hydraulic Valve
Rear Grab Handle with Horn
Rearview Mirrors
Ramp Hold Assist

STANDARD SAFETY FEATURES

Cornering Speed Reduction
Operator Presence Sensor (OPS)
Orange Seatbelt with Interlock

OPTIONAL EQUIPMENT

Battery 80V ■ 43.2 kWh ■ 270Ah
Universal 110V Wall Charger
Charger 80V ■ 100A
Single AC Drive Motors (ECB25 only)
Grammer® Suspension Seat
Fingertip Controls
Synchronized Steering
Blue Light
Rear Working Light
Full or Partial Cab Enclosure



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BYD Forklift production site is certified:
ISO 9001 ISO 14004 OHSAS 18001

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