

ECC27

CHARGE FOR ONE HOUR. RUN FOR SEVEN*

6,000 lbs | 80V AC Motor | Zero Battery Maintenance | 10-year Battery Warranty



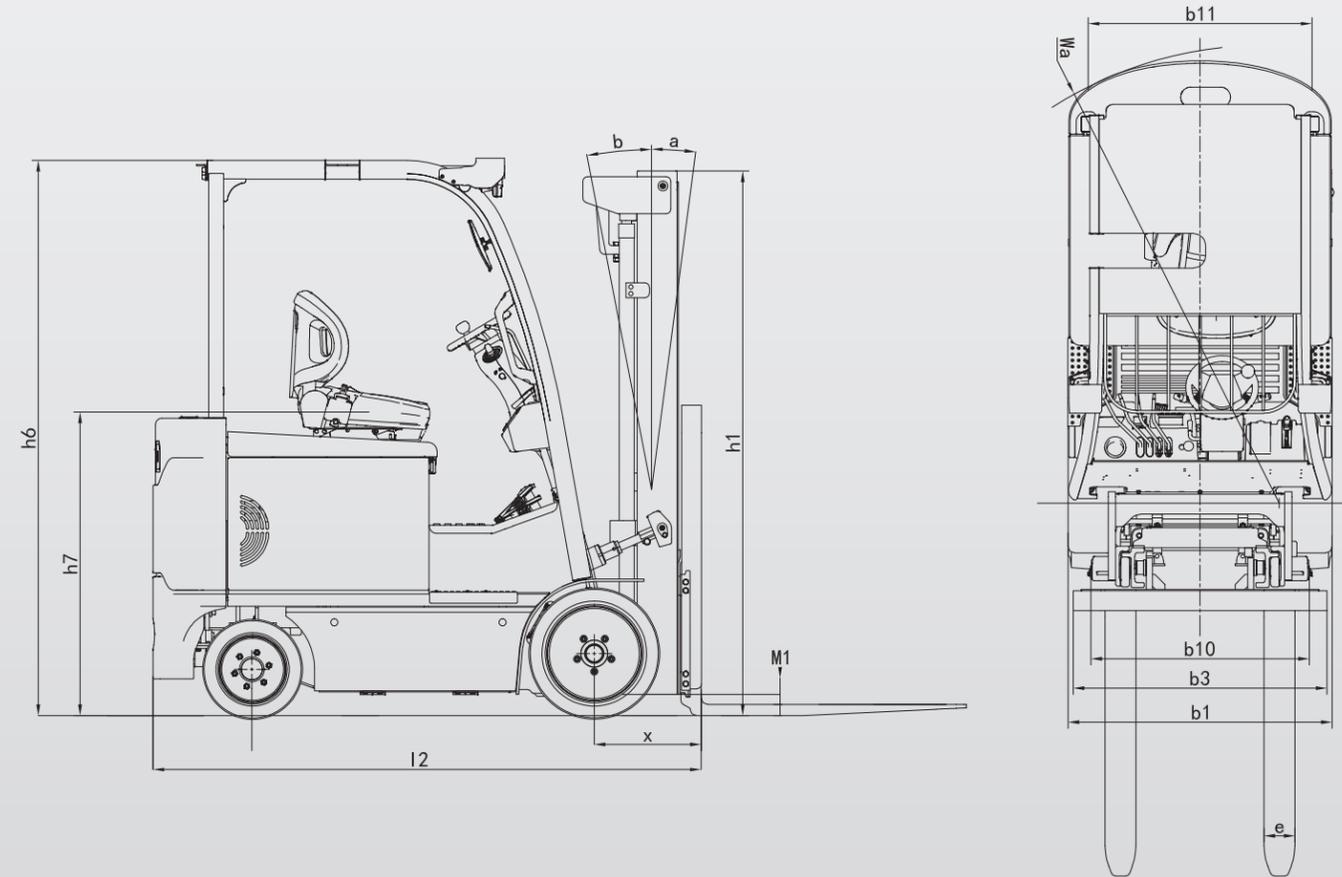
WORK SMARTER

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

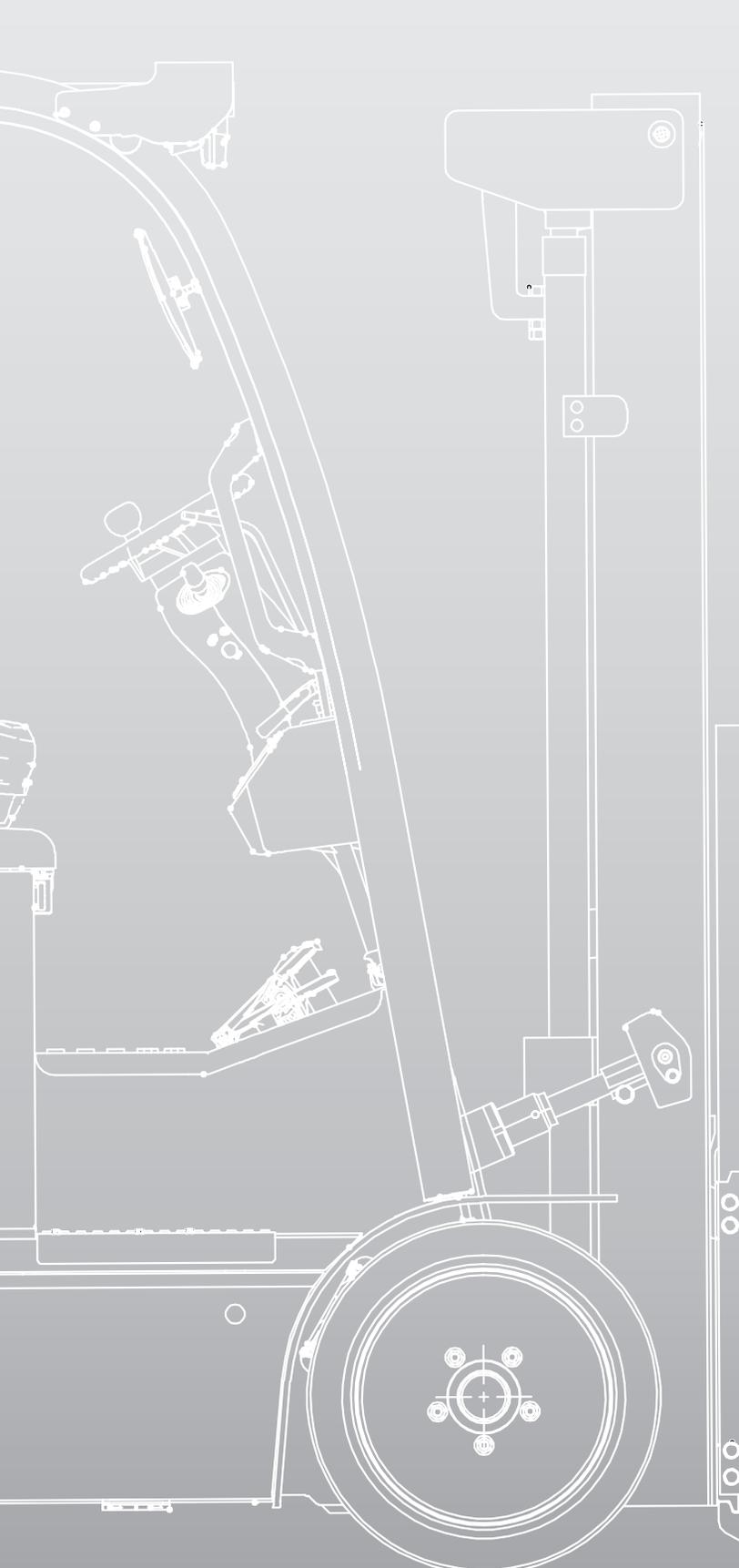
ECC27 Specifications

				ECC27
	Load capacity: rated load to 118" @ 24" LC		lb	6000
	Operating voltage		v	80 volts
Dimensions	Length to face of forks	l2	in	87
	Minimum turning radius	Wa	in	71
	Load distance, center wheel to face of forks	x	in	17
	Basic right-angle stack (add load and clearance)		in	88
	Overall width	b1	in	42
	Seat height	h7	in	47
	Overhead guard height	h6	in	88
	Carriage width	b3	in	41
	Carriage ITA Type			3A
	Tilt range (forward/backward)		deg	5 / 8
	Ground clearance with load, below mast	m1	in	3
	Performance	Travel speed (loaded/unloaded)		MPH
Lift speed (loaded/unloaded)			FPM	69 / 79
Lowering speed (loaded/unloaded)			FPM	98 / 79
Max gradeability (loaded/unloaded)			%	15 / 15
Power System	Drive motor rating (S2=60 min)		KW	8 x 2
	Lift motor rating (S3=15% ED)		KW	20.7
	Battery capacity		KWh	21.6
	Charging time			1.3h
	Battery weight		lb	1378
Weight	Type of drive control			AC
	Service weight including battery		lb	10615
	Axle load, fully loaded (front/rear)		lb	14500 / 2068
Tires	Axle load, unloaded (front/rear)		lb	4105 / 6510
	Wheel size, front wheel or driving wheel		Spec	21*7-15
	Wheel size, rear wheel or supporting wheel		Spec	16*6-10.5
	Track width front	b10	in	35
Track width rear	b11	in	36	



ECC27 Mast Specifications

Mast Specifications (in)	Fork Height	Free Lift	Collapsed Height	Extended Height	Fwd Tilt	Back Tilt	Capacity 24" LC	
							Standard Tread	Wide Tread
2-Stage FFL Mast	118	5	80	167	5°	5°	5954	/
	130	5	86	179	5°	5°	5954	/
	138	5	90	187	5°	5°	5954	/
	157	5	102	206	5°	5°	5954	/
	177	5	112	226	5°	5°	5954	/
3-stage FFL Mast	197	5	124	246	5°	5°	5912	/
	157	29	76	206	5°	5°	5954	/
	177	35	82	226	5°	5°	5954	/
	189	39	86	238	5°	5°	5954	/
	195	41	88	244	5°	3°	5722	/
	217	49	96	266	5°	3°	/	5535
	236	58	106	285	5°	3°	/	5327
256	64	112	305	5°	3°	/	4761	



ECC27 FEATURES

STANDARD EQUIPMENT

Iron Phosphate Battery Technology
Battery 80V ■ 21.6 kWh ■ 270Ah
Charger 80V ■ 200A
Dual 80V AC Drive Motors
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 ■ 540Ah
Universal 110V Wall Charger
Charger 80V ■ 100A
Gramer® Suspension Seat
Fingertip Controls
Synchronized Steering
Blue Light
Rear Working Light



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

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