

ECC22

CHARGE FOR ONE HOUR. RUN FOR SEVEN*

4,800 lbs | 80V AC Motor | Zero Battery Maintenance | 10-year Battery Warranty



WORK SMARTER

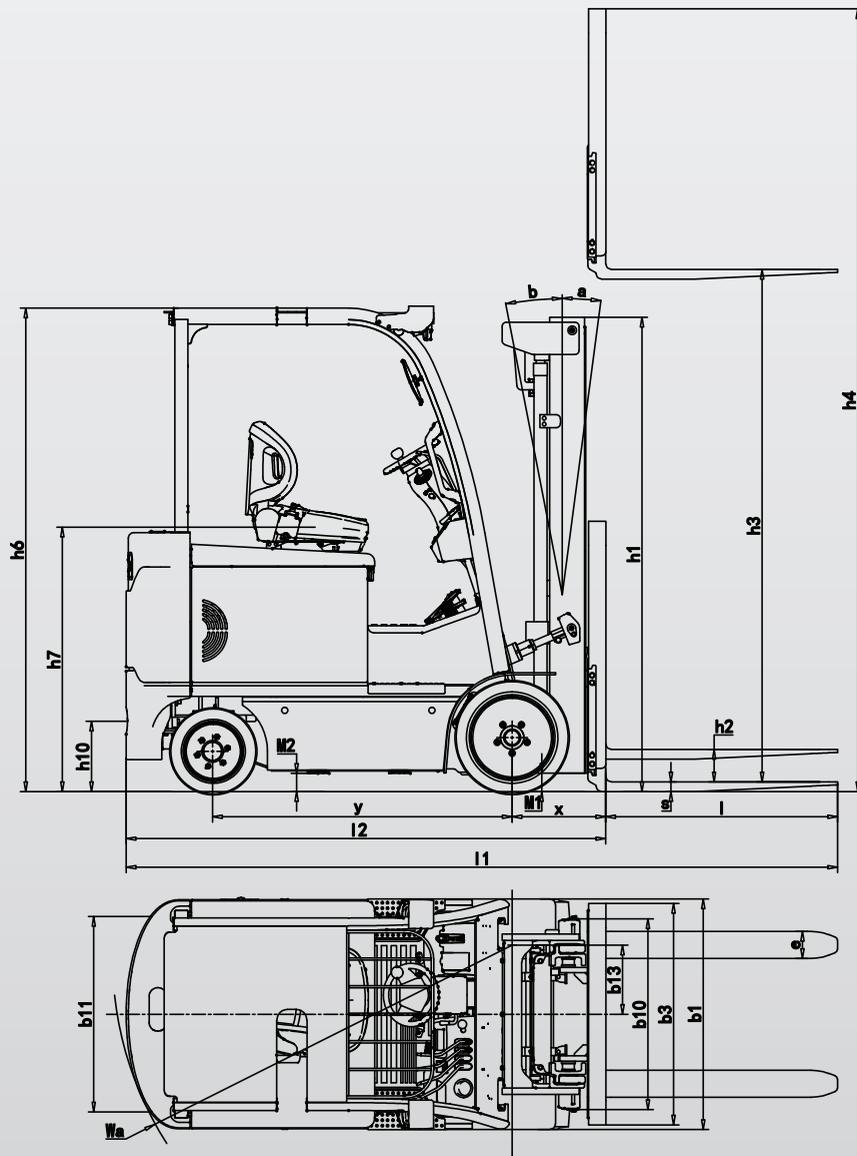
With rapid, restriction-free charging, BYD forklifts operate across multiple shifts without the need to change or replace batteries. Built using iron-phosphate technology, each forklift includes a state-of-the-art Battery Management System and the longest battery warranty in the industry. With BYD, peace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

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



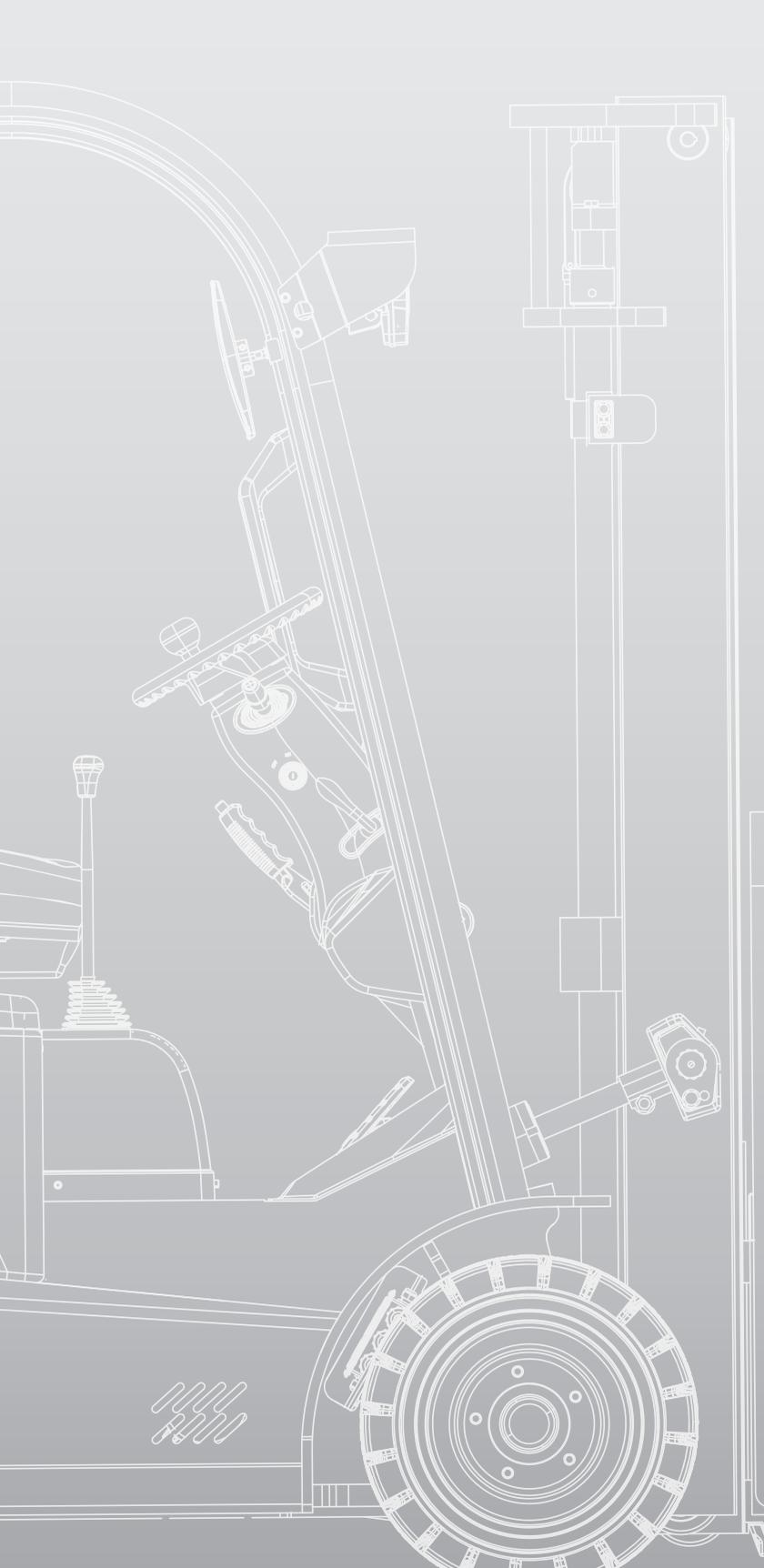
ECC22 Specifications

				ECC22
	Load capacity: rated load to 118" @ 24" LC		lb	4851
	Operating voltage		v	80 volts
	Drive Motors			Single
Dimensions	Length to face of forks	l2	in	80.1
	Minimum turning radius	Wa	in	70.1
	Load distance, center wheel to face of forks	x	in	17.1
	Basic right-angle stack (add load and clearance)		in	87.2
	Overall width (Standard Tread)	b1	in	42
	Height of Seat	h7	in	48.1
	Height of Overhead Guard (Cabin)	h6	in	88.6
	Width of Load Backrest	b3	in	41.3
	Carriage ITA Type			III
	Tilt range (forward/backward)		deg	5/5
	Ground clearance with load, below mast	m1	in	3.3
Performance	Travel speed (loaded/unloaded)		MPH	9.3 / 9.3
	Lift speed (loaded/unloaded)		FPM	84.6/ 88.6
	Lowering speed (loaded/unloaded)		FPM	98.4 / 78.7
	Max gradeability (loaded/unloaded)		%	15 / 15
Power System	Drive motor rating (S2=60 min)		KW	11.4
	Lift motor rating (S3=15% ED)		KW	27.8
	Battery Volatage / Rated Capacity		V/Ah	80/270
	Charging time			1.3h
	Battery weight		lb	754
	Type of drive control			AC
Weight	Service weight		lb	10362
	Axle load, fully loaded (front/rear)		lb	14114 / 2202
	Axle load, unloaded (front/rear)		lb	3739 / 6623
Tires	Wheel size, front wheel or driving wheel		Spec	21x 7-15
	Wheel size, rear wheel or supporting wheel		Spec	16 x 6-10.5
	Track width front	b10	in	34.7
	Track width rear	b11	in	35.6



ECC22 Mast Specifications

Mast Specifications (in)	Fork Height	Free Lift	Collapsed Height	Extended Height	Fwd Tilt	Back Tilt	Capacity 24" LC
							ECC22
2-Stage Standard Mast	118	5.5	78	167	5°	5°	4850
	130	5.5	86	179	5°	5°	4850
	138	5.5	90	187	5°	5°	4850
	157	5.5	100	206	5°	5°	4850
	177	5.5	112	226	5°	5°	4850
	197	5.5	122	246	5°	5°	4817
3-stage FFL Mast	157	29	76.5	206	5°	5°	4850
	177	35	82	226	5°	5°	4850
	189	39	86	238	5°	5°	4850
	197	43	90	246	5°	5°	4773
	217	51	98	265	5°	3°	4453
	236	59	106	285	5°	3°	4123



ECC22 FEATURES

STANDARD EQUIPMENT

Iron Phosphate Battery Technology
Battery 80V ■ 21.6 kWh ■ 270Ah
Charger 80V ■ 200A
Single 80V AC Drive Motor
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

Universal 110V Wall Charger
Charger 80V ■ 100A
Grammer® Suspension Seat
Synchronized Steering
Blue Light
Rear Working Light



BYD Material Handling

18910 S Wilmington Ave
Rancho Dominguez, CA 90220

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

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