

ECC32

CHARGE FOR ONE HOUR. RUN FOR SEVEN*

7,000 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



ECC32 Specifications

ECC32				
	Load capacity: rated load to 118" @ 24" LC		lb	7055
	Operating voltage		v	80 volts
	Drive Motors			Single
Dimensions	Length to face of forks	l2	in	91.3
	Minimum turning radius	Wa	in	78.7
	Load distance, center wheel to face of forks	x	in	18.3
	Basic right-angle stack (add load and clearance)		in	97
	Overall width (Standard Tread)	b1	in	48
	Height of Seat	h7	in	51.2
	Height of Overhead Guard (Cabin)	h6	in	88.6
	Width of Load Backrest	b3	in	44.9
	Carriage ITA Type			III
	Tilt range (forward/backward)		deg	5/5
	Ground clearance with load, below mast	m1	in	3.1
Performance	Travel speed (loaded/unloaded)		MPH	9.3 / 9.3
	Lift speed (loaded/unloaded)		FPM	84.6/ 88.6
	Lowering speed (loaded/unloaded)		FPM	84.6 / 88.6
	Max gradeability (loaded/unloaded)		%	15 / 20
Power System	Drive motor rating (S2=60 min)		KW	21.5
	Lift motor rating (S3=15% ED)		KW	24
	Battery Volatage / Rated Capacity		V/Ah	80/540
	Charging time			1.3h / 2.6h
	Battery weight		lb	1252
	Type of drive control			AC
Weight	Service weight		lb	12743
	Axle load, fully loaded (front/rear)		lb	17774 / 2024
	Axle load, unloaded (front/rear)		lb	5262 / 7480
Tires	Wheel size, front wheel or driving wheel		Spec	21x 8-15
	Wheel size, rear wheel or supporting wheel		Spec	16 x 7-10.5
	Track width front	b10	in	40.2
	Track width rear	b11	in	39



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



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