

FORKLIFTS **SIMPLIFIED**

ECC27

 **SAFE**

 **RELIABLE**

 **PROVEN**

80V AC Technology
Rapid, Restriction-Free Charging

- No Battery Maintenance Required
- 10-Year or 20,000-Hour Battery Warranty

STANDARD EQUIPMENT

Iron-Phosphate Battery Technology
Battery 80V • 43.2 kWh • 540Ah
Charger 80V • 200A
Dual 80V AC Drive Motors
LED Lights (Front • Rear • Strobe)
LCD Display
4-Way Hydraulic Valve
Rear Grab-Handle with Horn
Rearview Mirrors

STANDARD SAFETY FEATURES

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

OPTIONAL EQUIPMENT

Universal 110V Wall Charger
Charger 80V • 100A
Grammer® Suspension Seat
Fingertip Controls



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.



ECC27 SPECIFICATIONS

	Load capacity: rated load to 118" @ 24" LC		lb	5950
	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	9 / 9
	Lift speed (loaded/unloaded)		FPM	69 / 79
	Lowering speed (loaded/unloaded)		FPM	98 / 79
	Max gradeability (loaded/unloaded)		%	15 / 15
Characteristics	Drive motor rating (S2=60 min)		KW	8 x 2
	Lift motor rating (S3=15% ED)		KW	20.7
	Battery capacity		KWh	43.2
	Charging time			2.6h
	Battery weight		lb	1378
	Type of drive control			AC
Weights	Service weight including battery		lb	10615
	Axle load, fully loaded (front/rear)		lb	14500 / 2068
	Axle load, unloaded (front/rear)		lb	4105 / 6510
Wheels/Tires	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

Note: BYD reserves the right to alter and modify the design, features, and technical parameters of its products at any given time and without prior notice, as products are subject to continuous development.



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BYD Forklift production site is certified:
ISO 9001 ISO 14001 OHSAS 18001

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BYD forklifts conform to United States Safety Requirements All BYD forklifts comply with ANSI B56.1