

TRUCK FEATURES



STANDARD EQUIPMENT:

- BYD Iron-Phosphate Technology
- Battery 24V 130Ah
- AC drive
- AC control
- Easy battery top-up solution
- 24V 30A on-board charger
- 3-hour charging time
- 5V USB port

OPTIONAL EQUIPMENT:

- 1-hour fast-charging solution
- Charger 24V 100A
- Fork size on request
- Metal mesh protection
- Plexi-glass protection
- Anti-slippering/reinforced wheel



ISO 9001
ISO 14001
OHSAS 18001



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BYD EPS14 is a pedestrian stacker with rated capacity of 1400 kg, featuring lift heights up to 5400mm.
BYD EPS14P is a stand-on stacker with foldable side bars and platform. This truck also has a rated capacity of 1400 kg, with the lift heights up to 5400mm.
BYD EPS14Pi is a stand-on stacker with foldable side bars and platform with initial lift. This truck also has a rated capacity of 1400 kg, with the lift heights up to 5400mm.
BYD Stackers are powered by the BYD Iron-Phosphate Technology and feature the most up to date Battery Management System. We also offer the longest battery-warranty in the industry, 8 years or 10,000 hours, whichever comes first.
Thanks to ultra-fast top charging with flexible battery and charger options, BYD Stackers easily operate in multi-shift applications on a single battery, saving you both time and money.

EPS14Pi/EPS14P/EPS14
BYD STACKER (1400kg)



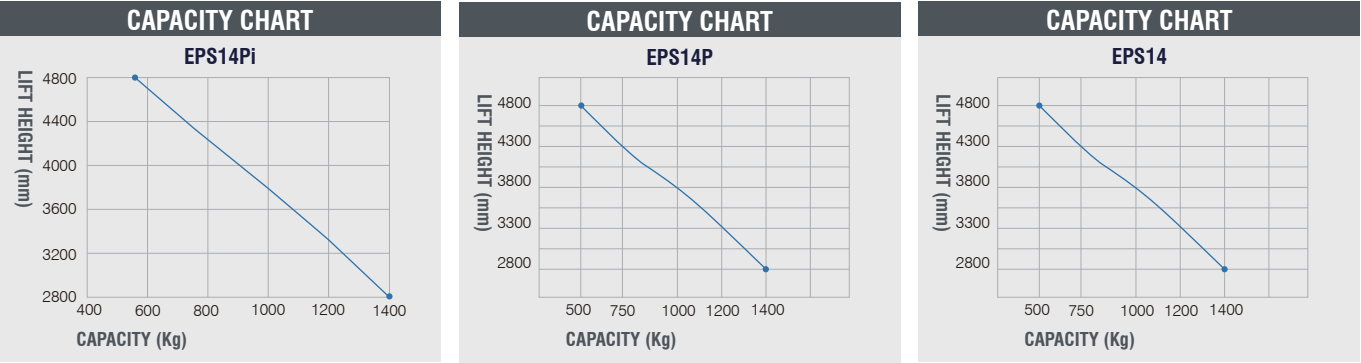
Lithium | 8 YRS 10,000 HRS Battery Warranty | BYD Iron-Phosphate

TRUCK FEATURES



Model:	EPS14Pi	Model:	EPS14P	Model:	EPS14
Battery:	24V 130Ah/24V 270Ah	Battery:	24V 130Ah/24V 270Ah	Battery:	24V 130Ah
Charger:	24V 30A (onboard)	Charger:	24V 30A (onboard)	Charger:	24V 30A (onboard)
	24V 100A (optional)		24V 100A (optional)		24V 100A (optional)
Speed:	8/9 km/h	Speed:	8/9 km/h	Speed:	6/6 km/h
Capacity:	1400 kg	Capacity:	1400 kg	Capacity:	1400 kg

LOADING CAPACITY



MAST SPECIFICATIONS

MAST SPECIFICATIONS		2-stage Standard Mast								
		EPS14	EPS14P	EPS14Pi	EPS14	EPS14P	EPS14Pi	EPS14	EPS14P	EPS14Pi
Lifting Height (mm)	h3	2500		2500	2900		2900	3200		3200
Height, Mast Fully Lowered (mm)	h1	1780		1780	1980		1980	2130		2130
Full Free Lift Height (mm)	h2	130		138	130		138	130		138
Height, Mast Fully Extended (mm)	h4	3020		3017	3420		3417	3720		3717

MAST SPECIFICATIONS		2-stage FFL Mast								
		EPS14	EPS14P	EPS14Pi	EPS14	EPS14P	EPS14Pi	EPS14	EPS14P	EPS14Pi
Lifting Height (mm)	h3	2500	-	3000	-	3500	-	4000	-	-
Height, Mast Fully Lowered (mm)	h1	1805	-	2055	-	2305	-	2555	-	-
Full Free Lift Height (mm)	h2	1336	-	1586	-	1836	-	2086	-	-
Height, Mast Fully Extended (mm)	h4	3058	-	3558	-	4058	-	4558	-	-

MAST SPECIFICATIONS		3-stage FFL Mast								
		EPS14	EPS14P	EPS14Pi	EPS14	EPS14P	EPS14Pi	EPS14	EPS14P	EPS14Pi
Lifting Height (mm)	h3	4300		4300	4800		4800	5300		5400
Height, Mast Fully Lowered (mm)	h1	1930		1930	2192		2192	2280		2330
Full Free Lift Height (mm)	h2	1400		1468	1600		1688	1700		1868
Height, Mast Fully Extended (mm)	h4	4850		4847	5390		5392	5850		5947

EPS14Pi/EPS14P/EPS14 SPECIFICATIONS

Identification	1.1	Manufacturer			BYD	BYD	BYD
	1.2	Model			EPS14Pi	EPS14P	EPS14
	1.3	Drive			Electric	Electric	Electric
	1.4	Operator type			Stand-on	Stand-on	Pedestrian
	1.5	Load capacity	Q	kg	1400	1400	1400
	1.6	Load center	c	mm	600	600	600
	1.8	Load distance, center of support arm wheel to face of forks	sx	mm	901	672	665
	1.9	Wheelbase	y	mm	1560	1260	1245
Weight	2.1	Service weight including battery		kg	1240	1180	1200
	2.2	Axle load, with load, front/rear		kg	1290/1350	1000/1600	1000/1600
	2.3	Axle load, without load, front/rear		kg	900/340	800/380	800/400
Wheels, Chassis	3.1	Wheel type			PU	PU	PU
	3.2	Wheel size, front		mm	Φ230×82	Φ230×82	Φ230×75
	3.3	Wheel size, rear		mm	Φ85×70	Φ85×70	Φ85×75
	3.4	Additional wheels		mm	Φ120×50	Φ120×50	Φ125×50
	3.5	Wheels, number front rear (x=driven wheels)			1x+1/4	1x+1/4	1x+1/4
	3.6	Track width, front	b10	mm	529	520	518
	3.7	Track width, rear	b11	mm	500	500	380
Dimensions	4.4	Lifting height	h3	mm	3200	3200	3200
	4.2	Mast height extended	h4	mm	3717	3720	3720
	4.3	Tiller height, min./max. position	h14	mm	990/1288	1040/1330	840/1255
	4.15	Lowered height	h13	mm	90	90	85
	4.19	Overall length	l1	mm	2027/2507	1985/2465	1918
	4.20	Length to the face of forks	l2	mm	877	835	758
	4.21	Overall width	b1	mm	800	800	800
	4.22	Fork dimensions	s/e/l	mm	60/190/1150	60/180/1150	60/190/1150
	4.25	Width over forks	b5	mm	540/640	540/640	560/690
	4.32	Ground clearance, center of wheelbase	m2	mm	20	25	30
	4.33	Aisle width for pallets 1000×1200 crossways	Ast	mm	2628	2373	2432
	4.34	Aisle width for pallets 800×1200 lengthways	Ast	mm	2515	2352	2451
	4.35	Turning radius	Wa	mm	1802	1490/1970	1564
Electric Motor Performance Data	5.1	Travel speed, with/without load		km/h	8/9	8/9	6/6
	5.2	Lift speed, with/without load		mm/s	160/230	180/240	170/280
	5.3	Lowering speed, with/without load		mm/s	370/230	300/240	260/320
	5.8	Max. gradeability, with/without load		%	9/16	5/10	5/10
	5.10	Service brake			Electromagnetic	Electromagnetic	Electromagnetic
	6.1	Drive motor rating S2 60 min		kw	1.3	1.3	1.5
	6.2	Lift motor rating at S3 15%		kw	3	3	3
	6.4	Battery voltage/nominal capacity K5		V/Ah	24/110	24/110	24/110
	6.5	Battery weight		kg	70	70	115
Others	8.1	Type of drive control			AC	AC	AC
	8.4	Sound level at the driver's ear		dB(A)	70	≤75	70

*BYD reserves the right to alter and modify the design, features and technical parameters of its products at any given time and without pre-advice, as products are subject to ongoing and continuous development.

