



LGMG

ELECTRIC RIDER STACKER

1.5 Ton ///

Variable Speed Control On Lifting & Lowering

- Proportional speed control for lifting and lowering, fast or slow, as you wish; Easy, safe and efficient
- High efficiency, fast lifting and lowering speeds
- Compact size in narrow warehouse environments with efficient and easy pallet stacking
- Intelligent and efficient
- Sturdy, robust, and durable

**ELECTRIC
POWERED**

LINGONG HEAVY MACHINERY CO., LTD.

SPECIFICATIONS

Characteristics					Lead-Acid Battery
		Manufacturer			LGMG
		Model			PS15 BF-W51M
	1.3	Drive			Battery
	1.4	Operator type			Rider
	1.5	Load capacity/rated load		kg	1500
Weight	1.6	Load centre distance	Q	mm	600
	1.8	Load distance, centre of drive axle to fork	c	mm	794
	1.9	Wheelbase	x	mm	1250
Wheels	2.1	Service weight (with Lead-acid battery 106Ah)	y	kg	716.6
	2.2	Axle loading, laden front/rear		kg	664.6/1552
	2.3	Axle loading, unladen front/rear		kg	537.6/179
Dimensions	3.1	Wheels			PU
	3.2	Wheel size, front	Ø x width	mm	φ210x70
	3.3	Wheel size, rear	Ø x width	mm	φ80X70
	3.4	Additional wheels (dimensions)	Ø x width	mm	φ115X55
	3.5	Wheels, number front/rear (x = driven wheels)			1x + 2 / 4
	3.6	Tread, front	b10	mm	610
	3.7	Tread, rear	b11	mm	400(560 fork width)/520(680 fork width)
Performance	4.2	Lowered mast height	h1	mm	1730
	4.4	Lift height	h3	mm	2500
	4.5	Extended mast height	h4	mm	2935
	4.9	Height of tiller in driving position, min./max.	h14	mm	990/1225
	4.15	Height, lowered	h13	mm	85
	4.19	Overall length(1220 fork length)	l1	mm	1973(platform folded) / 2345(with plarform)
	4.20	Length to face of forks	l2	mm	753(platform folded)/1125(with platfor
	4.21	Overall width	b1	mm	820
	4.22	Fork dimensions	s/e/l	mm	70X160X1220
	4.25	Width over forks	b5	mm	● 560 ○ 680
	4.32	Ground clearance, centre of wheelbase	m2	mm	20 /16
Motor & Controller	4.34.1	Aisle width for pallets 1000 × 1200 crossways	Ast	mm	2436(platform folded) / 2800(with plarform)
	4.34.2	Aisle width for pallets 800 × 1200 lengthways	Ast	mm	2362(platform folded) / 2726(with plarform)
	4.35	Turning radius	Wa	mm	1592(platform folded) / 1956(with plarform)
Others	5.1	Travel speed, with/without load		km/h	4/4.5
	5.2	Lift speed, with/without load		mm/s	0-101 / 0-185
	5.3	Lowering speed, with/without load		mm/s	25.6-137 / 21.7-220
	5.8	Max. gradeability, with/without load		%	5/10
	5.10	Service brake			Electromagnetic
Motor & Controller	6.1	Drive motor rating S2 60 min		kW	0.75
	6.2	Lift motor rating at S3 15%		kW	2.5
	6.3	Battery voltage/nominal capacity (K5)		V/Ah	● 12/106x2 ○ 24/210x1
	6.5	Battery weight		kg	● 32.8x2(106Ah) ○ 175(210Ah)
	6.6	Charger		A	● 15 ○ 30
Others	8.1	Type of drive control			DC speed control
	8.4	Sound level at the driver's ear according to EN 12053		dB(A)	<75

Standard mast				
Duplex Mast		Lift height h3(mm)	Lowered mast height h1(mm)	Free lift height h2(mm)
		2000	1480	/
		2500	1730	/
		3000	1980	/
		3300	2130	/
		3500	2230	/
		4000	2480	/
Duplex Mast				Extended mast height h4(mm)
		2000	1480	2435
		2500	1730	2935
		3000	1980	3435
		3300	2130	3735
		3500	2230	3935
		4000	2480	4435