



LGMG

ELECTRIC 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	Lithium Battery
		Manufacturer			LGMG	LGMG
		Model			PS15B-W51M	PS15-W51M
1.3	Drive				Battery	Battery
	Operator type				Pedestrian	Pedestrian
	Load capacity/rated load	Q	kg		1500	1500
	Load centre distance	c	mm		500	500
	Load distance, centre of drive axle to fork	x	mm		800	800
1.9	Wheelbase	y	mm		1210	1210
Weight	2.1	Service weight (without battery) (560 Fork size)		kg	540.4	540.4
	2.2	Service weight (with 71Ah battery or 60Ah Li-battery)		kg	587	555.4
	2.3	Service weight (with 89Ah battery)		kg	592	/
	2.4	Axle loading, laden front/rear		kg	626/1461	616.5/1438.5
	2.5	Axle loading, unladen front/rear		kg	440/147	416/139
Wheels	3.1	Wheels			Polyurethane	Polyurethane
	3.2	Wheel size, front	Ø x width	mm	Ø210x70	Ø210x70
	3.3	Wheel size, rear	Ø x width	mm	Ø80X70	Ø80X70
	3.4	Additional wheels (dimensions)	Ø x width	mm	Ø115X55	Ø115X55
	3.5	Wheels, number front/rear (x = driven wheels)			1x + 1 / 4	1x + 1 / 4
	3.6	Tread, front	b10	mm	550	550
	3.7	Tread, rear	b11	mm	390(560 fork width)/525(680 fork width)	390(560 fork width)/525(680 fork width)
Dimensions	4.2	Lowered mast height	h1	mm	1730	1730
	4.4	Lift height	h3	mm	2500	2500
	4.5	Extended mast height	h4	mm	2935	2935
	4.9	Height of tiller in driving position, min./max.	h14	mm	910/1270	910/1270
	4.15	Height, lowered	h13	mm	85±2	85±2
	4.19	Overall length	l1	mm	1730(1150 fork length)/1800(1220 fork length)	1730(1150 fork length)/1800(1220 fork length)
	4.20	Length to face of forks	l2	mm	580	580
	4.21	Overall width	b1	mm	820	820
	4.22	Fork dimensions	s/e/l	mm	70x160x1150(1220)	70x160x1150(1220)
	4.25	Width over forks	b5	mm	● 560 ○ 680	● 560 ○ 680
	4.32	Ground clearance, centre of wheelbase	m2	mm	30	30
	4.34.1	Aisle width for pallets 1000 × 1200 crossways	Ast	mm	2268	2268
	4.34.2	Aisle width for pallets 800 × 1200 lengthways	Ast	mm	2194	2194
Performance	4.35	Turning radius	Wa	mm	1425	1425
	5.1	Travel speed, with/without load		km/h	4/4.5	4/4.5
	5.2	Lift speed, with/without load		mm/s	0-102/0-190	0-102/0-190
	5.3	Lowering speed, with/without load		mm/s	30-135/20-200	30-135/20-200
	5.8	Max. gradeability, with/without load		%	5/10	5/10
Motor & Controller	5.10	Service brake			Electromagnetic	Electromagnetic
	6.1	Drive motor rating S2 60 min		kW	0.75	0.75
	6.2	Lift motor rating at S3 15%		kW	2.5	2.5
	6.4	Battery voltage/nominal capacity (K5)		V/Ah	● 12/71x 2 ○ 12/89 x 2	● 24V/60Ah ○ 24V/100Ah
	6.5	Battery weight +/- 5%		kg	● 23.3 x 2(71Ah) ○ 25.8 x 2(89Ah)	● 15(60Ah) ○ 24(100Ah)
Others	6.6	Charger		A	10	30
	8.1	Type of drive control			DC speed control	DC speed control
	8.4	Sound level at the driver's ear according to EN 12053		dB(A)	<75	<75

Standard mast				
Duplex Mast	Lift height h3(mm)	Lowered mast height h1(mm)	Free lift height h2(mm)	Extended mast height h4(mm)
	2000	1480	/	2435
	2500	1730	/	2935
	3000	1980	/	3435
	3300	2130	/	3735
	3500	2230	/	3935
	4000	2550	/	4370