EPA301

Electric Pallet Truck 3000kg

Let's grow together



Manufacturer			EP
Model designation			EPA301
Drive			Electric
Load capacity	Q	kg	3000
Load center distance	c	mm	600
Service weight		kg	305
Length to face of forks	l2	mm	606
Overall width	b1/b2	mm	620(685)
Fork dimensions	s×e×l	mm	55/170/1150
Turning radius	Wa	mm	1570
Max. gradeability, laden/unladen		%	8/10
Battery voltage/nominal capacity		V/Ah	48/65

EP EQUIPMENT CO.,LTD
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FEATURE

Powerful Performance

Equipped with a 48V/1200W DC drive motor, the EPA301 is capable of climbing an 8% ramp fully loaded with 3 tons. The 300mm diameter drive wheel ensures powerful climbing and off-road capabilities, making it a helpful choice for challenging rough terrains. The drive wheel and motor are designed for quick and easy maintenance and replacement, enhancing its adaptability to even the toughest working conditions.



Reliable Components

The EPA301 utilizes a ZL13 drive assembly with superior sealing for smooth and reliable operation. Additionally, the new cylinder comes with overload protection system, ensuring precise and robust lifting capabilities. Its high-strength body, crafted with a 6mm thick steel plate, provides durability and stability.



Easy Operation

Featuring a standard vertical creep speed control switch and sensitive steering, the EPA301 can be easily operated in confined space.



Long-Lasting Battery Capacity

Powered by a 48V/65Ah lead-acid battery, the EPA301 guarantees extended and stable operational cycles. Coupled with an efficient 48V/10A built-in charger, it offers convenient recharging.

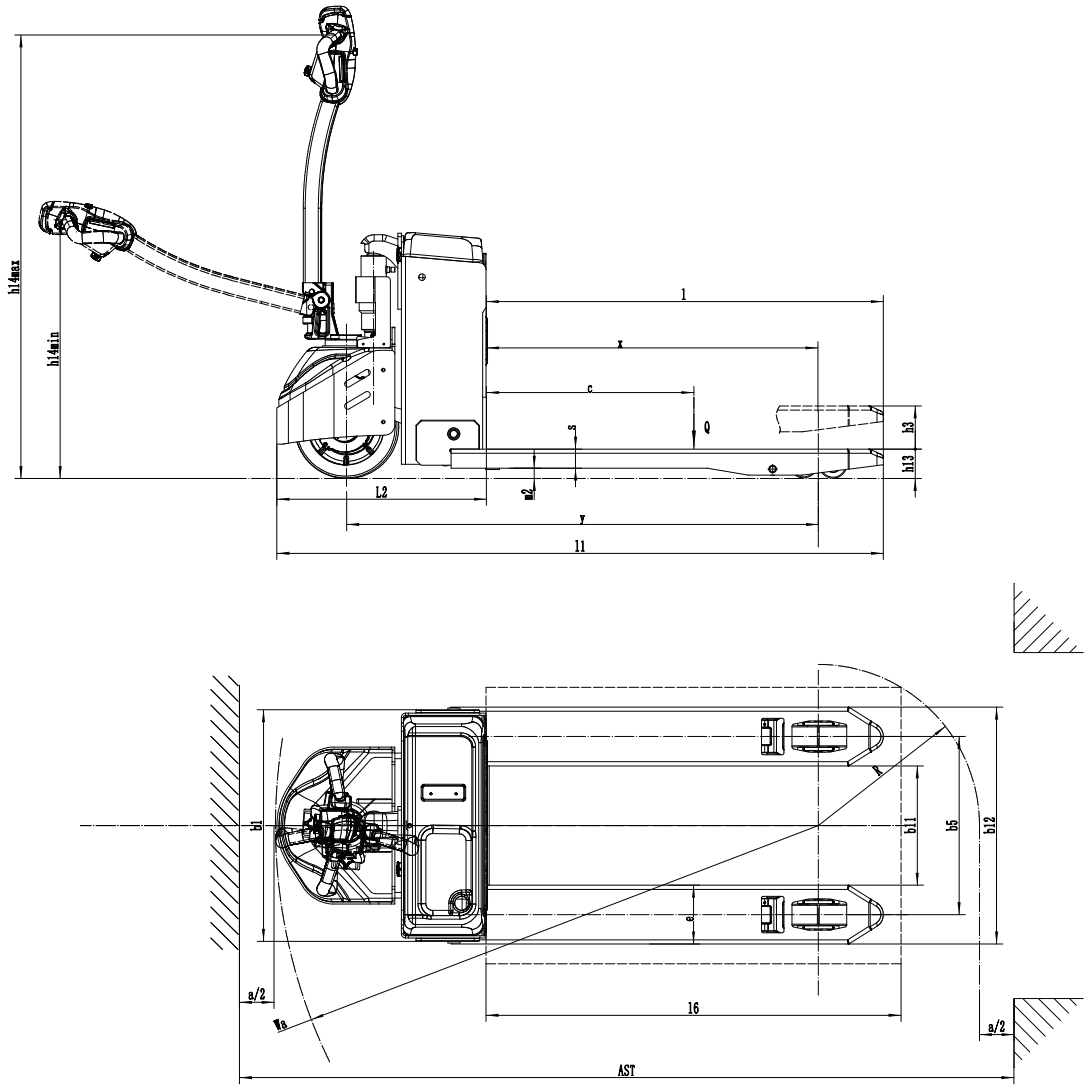


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Distinguishing mark	1.1	Manufacturer			EP
	1.2	Model designation			EPA301
	1.3	Drive			Electric
	1.4	Operator type			Pedestrian
	1.5	Load capacity	Q	kg	3000
	1.6	Load center distance	c	mm	600
	1.8	Load distance，centre of drive axle to fork	x	mm	960
	1.9	Wheelbase	y	mm	1364
Service weight	2.1	Service weight		kg	305
	2.2	Axle loading, laden front/rear		kg	1012/2293
	2.3	Axle loading, unladen front/rear		kg	220/85
Tyres/chassis	3.1	Tyre type			Polyurethane
	3.2	Tyre size, front		mm	Φ300x90
	3.3	Tyre size, rear		mm	Φ80x61
	3.4	Additional wheels (castor wheels)		mm	Φ74x30
	3.5	Wheels, number front/rear (x=drive wheels)		mm	1x -/4
	3.7	Tread width, rear	b11	mm	390（515）
Dimensions	4.4	Lift height	h3	mm	125
	4.9	Height of tiller handle in drive position min./max.	h14	mm	700/1170
	4.15	Lowered height	h13	mm	85
	4.19	Overall length	l1	mm	1754
	4.20	Length to face of forks	l2	mm	606
	4.21	Overall width	b1/b2	mm	620（685）
	4.22	Fork dimensions	s/e/l	mm	55/170/1150
	4.25	Distance between fork-arms	b5	mm	560（685）
	4.32	Ground clearance, center of wheelbase	m2	mm	30
	4.34.1	Aisle width for pallets 1000×1200 crossways	Ast	mm	2325
	4.34.2	Aisle width for pallets 800×1200 lengthways	Ast	mm	2236
	4.35	Turning radius	Wa	mm	1570
Performance data	5.1	Travel speed, laden/unladen		km/ h	4.0/4.5
	5.2	Lifting speed, laden/unladen		m/s	0.013/0.018
	5.3	Lowering speed, laden/unladen		m/s	0.023/0.016
	5.8	Max. gradeability, laden/unladen		%	8/10
	5.10	Service brake			Electromagnetic
Electric-engine	6.1	Drive motor rating S2 60 min		kW	1.2
	6.2	Lift motor rating at S3 15%		kW	0.8
	6.4	Battery voltage/nominal capacity		V/Ah	48/65
	6.5	Battery weight		kg	60
Addition data	8.1	Type of drive control			DC
	10.5	Steering design			Mechanical
	10.7	Sound pressure level at the driver's ear		dB(A)	74

If there are improvements of technical parameters or configurations, no further notice will be given.
The diagram shown may contain non-standard configurations.



Option:

No.	Optional items	EPA301
1.1	Fork dimension	●560*1150、800-2000 ●685*1150、800-2000
1.2	Fork lowered height	●85
1.5	Drive cover off the ground	●Standard 100 ○Special 60
2.1	Load wheel type	●Double ○Single
2.2	Load wheel material	●PU
2.3	Drive wheel material	●PU ○Rubber
2.4	Battery capacity	●48V 65Ah Lead acid
2.5	Charger	●48V-10A integrated charger
2.6	Battery indicator	●With hourmeter
2.7	Buzzer	●Yes and not customized
2.8	Handle head type	●ET2 big handle head
3.3	Castor wheels	●No ○Yes and not customized
3.16	Vertical handle:Creep speed	●Yes and not customized
4.8	Drive assembly	●Yes and not customized
Note： ●Standard ○ Optional - Inconformity		