



**EP**  
*Let's grow together*

# EPT12-EZ Lithium-ion Battery

## Electric Pallet Truck 1.2t

- Slightly difference on cost, completely different experience, from hand pallet truck to EZ truck!
- Standard Lithium Ion battery, life time maintenance free.
- CAN-BUS system simplify operation/maintenance level.

EP EQUIPMENT CO.,LTD  
[www.ep-ep.com](http://www.ep-ep.com)

**CE**

## FEATURE

### ■ Light service weight, decent capacity, suitable for anywhere a hand pallet truck could be used:

120kg Ultra-light service weight, 1200kg high rated capacity, come and go freely in small working space with 1390mm turning radius.

### ■ CAN-BUS system:

CAN-BUS system simplifies operation/maintenance level, improves system reliability.

### ■ Patented integrated design:

Innovative designed sealed hydraulic unit, low noise, easy maintenance.

### ■ Patented non-contact limit switch design:

New patented non-contact limit switch design, improves the reliability.

### ■ Safety:

Convenient emergency stop switch, strong driving wheel cover, solid battery clip, ensure safety and reliability.

### ■ Battery:

3.7kg battery replacement, optional standby battery extend run time.

### ■ Patented handle design:

New design of integral handle head, easy to access all control buttons.

### ■ Patented frame design:

New frame design, light service weight, high strength.

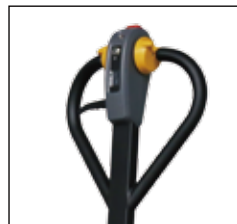
### ■ Patented key switch design:

New patented key switch design, integrated with u-disk function.

### ■ Easy maintenance:

Maintenance free truck design for end users to trouble shooting and replace failure part by simple instruction, free labor cost.

SMART panel reflect operation and trouble shooting status.



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## EPT12-EZ

Characteristics				
1.1	Manufacturer		EP	
1.2	Model designation		EPT12-EZ BASIC	EPT12-EZ PRO
1.3	Power unit		Battery	
1.4	Operator type		Pedestrian	Pedestrian
1.5	Load capacity	Q	kg	1200
1.6	Load centre	c	mm	600
1.7	Axle centre to fork face	x	mm	950(880)
1.8	Wheelbase	y	mm	1190(1120)
Weights				
2.1	Service weight (include battery)		kg	116
2.2	Axle loading with load, driving side/loading side		kg	406/910
2.3	Axle loading without load, driving side/loading side		kg	96/20
wheels/tyres				
3.1	Tyre type driving w heels/loading w heels		PU/PU	PU/PU
3.2	Tyre size, driving w heels (diameter×width)		mm	Φ130x55
3.3	Tyre size, loading w heels (diameter×width)		mm	Φ80x60( Φ74x88)
3.4	Wheels, number driving/loading (x=drive w heels)		mm	1x/4(1x/2)
Dimensions				
4.1	Lift height	h <sub>3</sub>	mm	115
4.2	Height of tiller arm in driving position, min./max.	h <sub>14</sub>	mm	750/1190
4.3	fork height, low/ered	h <sub>13</sub>	mm	80
4.4	Overall length	l <sub>1</sub>	mm	1540
4.5	Length to fork face	l <sub>2</sub>	mm	390
4.6	Overall width	b <sub>1</sub>	mm	560(685)
4.7	Fork dimensions	sxexl	mm	53x150x1150
4.8	Distance between fork-arms	b <sub>5</sub>	mm	560(685)
4.9	Ground clearance, center of wheelbase	m <sub>2</sub>	mm	27
4.10	Aisle width for pallets 1000 × 1200 crossways	Ast	mm	1640
4.11	Aisle width for pallets 800 × 1200 lengthways	Ast	mm	1840
4.12	Turning radius	Wa	mm	1390
Performance				
5.1	Travel speed, with/ without load		km/h	3.8/4
5.2	Lifting speed, with/ without load		m/ s	0.02/0.025
5.3	Lowering speed, with/ without load		m/ s	0.06/0.03
5.4	Max. gradeability, with/ without load		%	2/8
5.5	service brake			electric
Drive				
6.1	Drive motor rating 60 min		kW	0.45
6.2	Lift motor rating at 15%		kW	0.5
6.6	power consumption according to VDI cycle		KWh/h	0.16
others				
7.1	Type of drive control		DC	DC
7.2	Noise at the driver's ear		<74	<74
7.3	Application		INDOOR	GENERAL

- The parameters in the table are of the standard model. For more information, please contact us.
- The parameters are subject to change without notice.

	EPT-12EZ
Standard configuration	24V 20Ah
Battery pack capacity	24V 20Ah/26Ah
Chemical Material	NMC
Pack weight(Kg)	3.7/5
Charging	24V10A
Pack dimension (including BMS)mm	200*90*260/200*90*295

Lithium battery with external charger will equipped with battery connector.

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