iMOW
by EP EQUIPMENT

iMOW

NO.121 Yonghua Street, Shiqiao Road, Xia Cheng Qu , Hangzhou, China

86-571-28035665

86-571-28035656/28878695

www.imowshop.com

info@imowshop.com

V2008.02

iMOW
by EP EQUIPMENT

ICE301B

Electric Counterbalance Forklift Truck 3.0T

- **Lithium-ion technology**
- **Low TCO**
- **Easy driving**
- **Brilliant visibility**
- **Telematics (optional)**

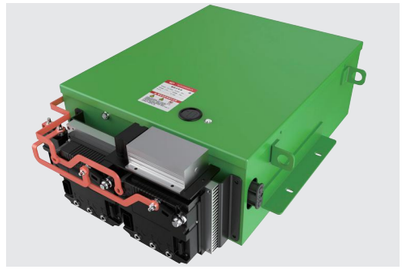
iMOW
www.imowshop.com

Scan and Enter iMOW Website

PRODUCT FEATURES

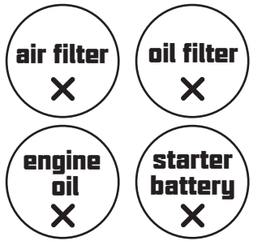
Lithium-ion technology

ICE 301B adapts LFP Li-ion battery that prevents the battery from self-ignition and ensures safety operation. ICE301B supports opportunity charging so it can be charged at preferable time during the day without disrupting working schedules.



Low TCO

Comparing to a diesel forklift truck, ICE301B saves 30%-50% of energy cost with li-ion technology. And there is no maintenance fee with no air filter, oil filter, engine oil or starter battery installed on the truck.



Easy driving

The truck is equipped with electric-hydraulic braking system. The system shortens the braking distance to ensure safety while reducing the driving fatigue in the meantime.

Brilliant visibility

A wide view mast ensures good visibility during operation. This enables operator to better monitor the status of the cargo.

Telematics (optional)

ICE301B offers EP' s latest Telematics as option. It provides the following features to facilitate your feet management:

- Truck location in real-time
- Reports of truck usages and diagnosis
- Li-ion battery condition analytics
- Updates on card access registration

PRODUCT PARAMETERS

Distinguishing mark				
1.1	Manufacturer			EP
1.2	Model designation			ICE301B
1.3	Drive unit			Electrics
1.4	Operator type			Seated
1.5	rated capacity	Q	t	3
1.6	Load center distance	c	mm	500
1.8	Load distance，centre of drive axle to fork	x	mm	481
1.9	Wheelbase	y	mm	1750
Weight				
2.1	Service weight （include battery）		kg	4080
2.2	Axle loading, laden driving wheels /steering wheels		kg	6420/660
2.3	Axle loading, unladen driving wheels /steering wheels		kg	1740/2340
Types,Chassis				
3.1	Tyre type,driving wheels /steering wheels			Pneumatic
3.2	Tyre size, driving wheels			28X9-15-14PR
3.3	Tyre size, steering wheels			6.50-10-10PR
3.5	Wheels, number driving/steering (x=drive wheels)		mm	2x/ 2
3.6	Tread, Driving wheels	b_{10}	mm	1010
3.7	Tread, Steering wheels	b11	mm	980
Dimensions				
4.1	Tilt of mast/fork carriage forward/backward	α/ β (°)		6/ 10
4.2	Height, mast lowered	h1	mm	2070
4.3	Free lift （load backrest）	h2	mm	150
4.4	Lift height	h3	mm	3000
4.5	Height, mast extended	h4	mm	4050
4.7	Height of overhead guard (cabin)	h6	mm	2160
4.8	Seat height	h7	mm	1130
4.12	Tow center of pin height	h_{10}	mm	320
4.19	Overall length	l1	mm	3880
4.20	Length to face of forks	l_2	mm	2810
4.21	Overall width	b1/ b2	mm	1230
4.22	Fork dimensions	s/ e/ l	mm	45×125×1070
4.23	Fork carriage class/type A, B			3A
4.24	Fork carriage width	b3	mm	1150
4.31	Ground clearance, laden, below mast	m_1	mm	120
4.32	The minimum ground clearance of frame	m2	mm	150
4.34.1	Aisle width for pallets 1000 × 1200 crossways	Ast	mm	4281
4.34.2	Aisle width for pallets 800 × 1200 lengthways	Ast	mm	4481
4.35	Turning radius	Wa	mm	2600
Performance data				
5.1	Travel speed, laden/ unladen		km/ h	11/12
5.2	Lifting speed, laden/ unladen		m/ s	0.25/0.35
5.3	Lowering speed, laden/ unladen		m/ s	0.4/0.43
5.8	Max. gradeability, laden/unladen		%	15/15
5.10	Service brake type			Mechanics+ Hydraulic
	park brake type			Mechanics
Electric-engine				
6.1	Drive motor rating S2 60 min		kW	10
6.2	Lift motor rating at S3 15%		kW	12
6.3	The maximum allowed size battery		mm	705X 565X266
6.4	Battery voltage/nominal capacity K5			80V205AH
6.5	Battery weight		kg	
Addition data				
8.1	Type of drive unit			AC
10.5	Steering type			hydraulic
10.7	Sound pressure level at the driver's ear		dB (A)	< 74

LINE GRAPH