

# ES06-CA

# Electric Stacker 0.6t

- Compact design with small turning radius requirements;
- Flexible for various non-standard pallet.



# **■** FEATURE

#### Performance

- The innovative AC system offers strong power, accurate control, excellent performance.
- High strength vertical gearbox, longer working life.
- Low-noise but durable hydraulic unit, good quality cylinder as well as hose ensure the high reliability of hydraulic system.
- AMP connecter electric wires and cables, greatly reducing electric parts failure rate.
- High strengh chassis enhances the reliability and durability of the truck.
- Heavy duty load wheel ensures stability.
- Compact design with small turning radius requirements.









#### Safety

- Emergency reverse belly button protects the operator from getting hurt.
- Emergency disconnector will cut off power source to avoid accident when truck goes out of control.
- Multiple lifting limit protection ensures safety.
- Automatic switch to lower speed when the fork reaches its setting height.
- Anti-rolling back brake keeps the truck from skidding down when truck is out of control or travelling on ramp.

#### Operation

- With the new design of ergonomical tiller head, all buttons can be reached conveniently &comfortably.
- Compact chassis design increases visibility.
- Adjustable forks, suitable for complicated pallets or cargos.
- Side-open battery design for easy battery replacement and various applications.

#### Maintenance

- AC traction motor, maintenance free.
- Hour meter and battery indicator will remind the operator to recharge the battery.
- Easily remove the back cover by only loosing four bolts; Access to all key components for inspection, maintenance and replacement.
- Vertical motor makes the inspection & service much more convenient.
- Control system allows easy trouble-shooting.
- Mast and chassis are assembled together, easy for maintenance.
- Low voltage cut off setting protects batteries.

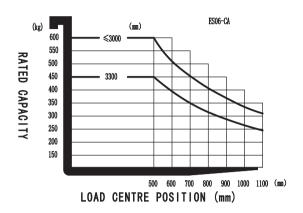
# Electric Stacker 0.6t ES06-CA

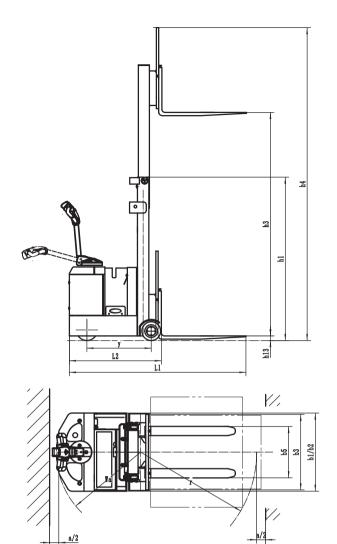
1.1   Manufacturer		Distinguishing mark		
1.2   Model designation				EP
1.3   Drive unit		'		
1.4   Operator type				
1.5   rated capacity   Q   kg   6.00     1.6   Load center distance   c   mm   500     1.8   Load distance, centre of drive axle to fork   x   mm   109     1.9   Wheelbase   y   mm   700     1.9   Wheelbase   y   mm   700     2.1   Service weight (include battery)   kg   1300     2.2   Axle loading, unladen driving side/loading side   kg   300/1900     2.3   Axle loading, unladen driving side/loading side   kg   800/440     3.4   Tyre styce Driving wheels/Loading wheels   PUPU     3.2   Tyre size, driving wheels (diameter-width)   mm   4230×75     3.3   Tyre size, loading wheels (diameter-width)   mm   4204×76     3.4   Tyre size, caster wheels (diameter-width)   mm   4204×76     3.5   Wheels, number driving, caster/loading (x=drive wheels)   mm   1x. 0/2     3.7   Track width, font, driving side   bij   mm   722     3.7   Track width, font, driving side   bij   mm   722     3.7   Track width, font, driving side   bij   mm   722     3.7   Track width, font, driving side   bij   mm   724     4.1   Tit of mast/fork carriage forward/backward   a/β   free lift   bij   mm   2035     4.3   Free lift   bij   mm   2920     4.4   Lift height   his   mm   2920     4.5   Height, mast lowered   hi   mm   3896     4.9   Height drawbar in driving position min./max.   hi   mm   1920     4.1   Tit of mast/fork carriage forward/backward   hi   mm   390/1500     4.2   Lowerd height   hi   mm   1920     4.3   Free lift   hi   mm   1920     4.4   Lift height   hi   mm   1920     4.5   Height drawbar in driving position min./max.   hi   mm   1920     4.1   Diversil length   hi   mm   1920     4.2   Lowerd height   hi   mm   1920     4.3   Free lift   hi   mm   1920     4.4   Lift height   hi   mm   1920     4.5   Height drawbar in driving position min./max.   hi   mm   1920     4.6   Height drawbar in driving position min./max.   hi   mm   1920     4.1   Diversil length   hi   mm   1920     4.2   Lowerd height   hi   mm   1920     4.3   Free lift   hi   mm   1920     4.4   Lift height   hi   mm   1920     4.5   Height drawbar in				1
1.6   Load center distance   c   mm   500     1.8   Load distance, centre of drive axle to fork   x   mm   109     1.9   Wheelbase   y   mm   7700     1.9   Wheelbase   y   mm   7700     1.8   Load distance, centre of drive axle to fork   y   mm   7700     1.9   Wheelbase   V   mm   7700     1.0   Service weight (include battery)     kg   1300     2.2   Axle loading, laden driving side/loading side   kg   300/1900     2.3   Axle loading, loaden driving side/loading side   kg   300/1900     2.3   Axle loading, loaden driving side/loading side   kg   300/1900     2.3   Axle loading, unladen driving side/loading side   kg   300/1900     3.1   Tyre types Driving wheels/Loading wheels     mm   4230×75     3.2   Tyre size, civing wheels (diameter-width)   mm   4230×75     3.3   Tyre size, cioading wheels (diameter-width)   mm   4220×76     3.4   Tyre size, caster wheels (diameter-width)   mm   4230×75     3.5   Wheels, number driving, caster/loading (x=drive wheels)   mm   1x, 0/2     3.6   Track width, front, driving side   b10   mm   722     3.7   Track width, front, driving side   b10   mm   722     3.8   Track width, front, driving side   b10   mm   722     4.1   Till of mast/fork carriage forward/backward   0/β   °   /     4.2   Height, mast lowered   h1   mm   2035     4.3   Free lift   h2   mm   2035     4.4   Lift height   h3   mm   2200     4.5   Height, mast extended   h4   mm   3836     4.9   Height drawbar in driving position min./max.   h14   mm   990/1500     4.10   Length to face of forks   12   mm   1920     4.20   Length to face of forks   12   mm   1920     4.21   Overall length   h1   mm   50     4.22   Fork dimensions   s/e/1   mm   35/1000/90     4.23   Fork dimensions   s/e/1   mm   50     4.24   Fork carriage width   b1/b2   mm   800/798     4.25   Outside width of the forks   b2   mm   50     4.26   Length to face of forks   b3   mm   200-860     4.27   Fork dimensions   s/e/1   mm   50     4.28   Fork dimensions   s/e/1   mm   50     4.29   Fork dimensions   s/e/1   mm   50     4.20   Leng	0	, , , , , , , , , , , , , , , , , , , ,	) ka	
1.8		·		I
1.9   Wheelbase   y mm   700   Weight				·
Veright			1	I
2.1   Service weight (include battery)   kg   300/1900	,			700
2.2         Axle loading, laden driving side/loading side         kg         300/1900           2.3         Axle loading, unladen driving side/loading side         kg         800/440           Types.Chassis           3.1         Tyre type Driving wheels/Loading wheels         PUPU           3.2         Tyre size, driving wheels (diameter-width)         mm         4020×75           3.4         Tyre size, caster wheels (diameter-width)         mm         4020×76           3.4         Tyre size, caster wheels (diameter-width)         mm         420×476           3.5         Wheels, number driving, caster/loading (x=drive wheels)         mm         1x. 0/2           3.6         Track width, front, driving side         bin         mm         722           3.7         Track width, front, driving side         bin         mm         722           3.7         Track width, front, driving side         bin         mm         722           3.7         Track width, front, driving side         bin         mm         722           3.7         Track width, front, driving side         bin         mm         722           3.7         Track width, front, driving side         bin         mm         722           3.7         Track width, front			ka	1300
2.3		,		
Types.Chassis   PU/PU   Type (spe Driving wheels)   PU/PU   Pure size, diving wheels (diameter-width)   mm   Q230×75   Q20×76   Q20×76				
3.1   Tyre type Driving wheels/Loading wheels     PU/PU			19	
3.2   Tyre size, driving wheels (diameter×width)				PU/PU
3.3   Tyre size, loading wheels (diameterxwidth)	1	1	mm	
3.4   Tyre size, caster wheels (diameter×width)   mm		, ,		
3.5   Wheels, number driving, caster/loading (x=drive wheels)   mm   1x. 0/2				_
3.6   Track width, front, driving side   b <sub>10</sub>   mm   722	els)		1	1x, 0/2
Track width,rear,loading side   b11   mm   —			'	I
Dimensions   4.1   Tit of mast/fork carriage forward/backward   α/β   °   /				_
Tilt of mast/fork carriage forward/backward   α/β   °	,=	, , ,		
4.2       Height, mast lowered       h1       mm       2035         4.3       Free lift       h2       mm       /         4.4       Lift height       h3       mm       2920         4.5       Height, mast extended       h4       mm       3896         4.9       Height drawbar in driving position min./max.       h14       mm       990/1500         4.10       Height of wheel arms       h8       mm       230         4.15       Lowered height       h13       mm       50         4.19       Overall length       l1       mm       1920         4.20       Length to face of forks       l2       mm       1000         4.21       Overall width       b1/b2       mm       850/798         4.22       Fork dimensions       s/e/l       mm       35/100/920         4.24       Fork carriage width       b3       mm       820         4.25       Outside width of the forks       b5       mm       200-560         4.31       Ground clearance, laden, below mast       m1       mm       50         4.32       Ground clearance, center of wheelbase       m2       mm       50         4.34.1 <td< td=""><td>α/β</td><td></td><td>/β °</td><td>1</td></td<>	α/β		/β °	1
4.3   Free lift		-		2035
4.4       Lift height       h <sub>3</sub> mm       2920         4.5       Height, mast extended       h <sub>4</sub> mm       3896         4.9       Height drawbar in driving position min./max.       h <sub>14</sub> mm       990/1500         4.10       Height of wheel arms       h <sub>8</sub> mm       230         4.10       Height of wheel arms       h <sub>13</sub> mm       50         4.11       Lowered height       h <sub>13</sub> mm       50         4.19       Overall length       l <sub>1</sub> mm       1920         4.20       Length to face of forks       l <sub>2</sub> mm       1000         4.21       Overall width       b <sub>1</sub> /b <sub>2</sub> mm       850/798         4.22       Fork dimensions       s/e/l       mm       35/100/920         4.24       Fork carriage width       b <sub>3</sub> mm       820         4.25       Outside width of the forks       b <sub>5</sub> mm       200-560         4.31       Ground clearance, laden, below mast       m <sub>1</sub> mm       50         4.32       Ground clearance, center of wheelbase       m <sub>2</sub> mm       50         4.34.1       Aisle width for pallets 1000 × 1200 lengthways       Ast       mm <td></td> <td>.3 Free lift</td> <td></td> <td>1</td>		.3 Free lift		1
4.5       Height, mast extended       h <sub>4</sub> mm       3896         4.9       Height drawbar in driving position min./max.       h <sub>14</sub> mm       990/1500         4.10       Height of wheel arms       h <sub>8</sub> mm       230         4.15       Lowered height       h <sub>13</sub> mm       50         4.19       Overall length       l <sub>1</sub> mm       1920         4.20       Length to face of forks       l <sub>2</sub> mm       1000         4.21       Overall width       b <sub>1</sub> /b <sub>2</sub> mm       850/798         4.22       Fork dimensions       s/e/l       mm       35/100/920         4.24       Fork carriage width       b <sub>3</sub> mm       820         4.25       Outside width of the forks       b <sub>5</sub> mm       200-560         4.31       Ground clearance, laden, below mast       m <sub>1</sub> mm       50         4.32       Ground clearance, center of wheelbase       m <sub>2</sub> mm       50         4.34.1       Aisle width for pallets 1000 × 1200 crossways       Ast       mm       2380         4.34.2       Aisle width for pallets 800 × 1200 lengthways       Ast       mm       2490         4.35       Turning radius		.4 Lift height		2920
4.9       Height drawbar in driving position min./max.       h <sub>14</sub> mm       990/1500         4.10       Height of wheel arms       h <sub>8</sub> mm       230         4.15       Lowered height       h <sub>13</sub> mm       50         4.19       Overall length       l <sub>1</sub> mm       1920         4.20       Length to face of forks       l <sub>2</sub> mm       1000         4.21       Overall width       b <sub>1</sub> /b <sub>2</sub> mm       850/798         4.22       Fork dimensions       s/ e/ l mm       35/100/920         4.24       Fork carriage width       b <sub>3</sub> mm       820         4.25       Outside width of the forks       b <sub>5</sub> mm       200-560         4.31       Ground clearance, laden, below mast       m <sub>1</sub> mm       50         4.32       Ground clearance, center of wheelbase       m <sub>2</sub> mm       50         4.34.1       Aisle width for pallets 1000 × 1200 crossways       Ast mm       2380         4.34.2       Aisle width for pallets 800 × 1200 lengthways       Ast mm       2490         4.35       Turning radius       Wa mm       920         Performance data         5.1       Travel speed, laden/ unladen       km/ h       4.5         5.2       Lifting speed, laden/ unladen       m/ s				
4.10       Height of wheel arms       h <sub>8</sub> mm       230         4.15       Lowered height       h <sub>13</sub> mm       50         4.19       Overall length       l <sub>1</sub> mm       1920         4.20       Length to face of forks       l <sub>2</sub> mm       1000         4.21       Overall width       b <sub>1</sub> /b <sub>2</sub> mm       850/798         4.22       Fork dimensions       s/e/l       mm       35/100/920         4.24       Fork carriage width       b <sub>3</sub> mm       820         4.25       Outside width of the forks       b <sub>5</sub> mm       200-560         4.31       Ground clearance, laden, below mast       m <sub>1</sub> mm       50         4.32       Ground clearance, center of wheelbase       m <sub>2</sub> mm       50         4.34.1       Aisle width for pallets 1000 × 1200 crossways       Ast       mm       2380         4.34.2       Aisle width for pallets 800 × 1200 lengthways       Ast       mm       2490         4.35       Turning radius       Wa       mm       920         Performance data         5.1       Travel speed, laden/ unladen       m/ s       0.127/0.23         5.3       Loweri		-	,	990/1500
4.15       Lowered height       h <sub>13</sub> mm       50         4.19       Overall length       l <sub>1</sub> mm       1920         4.20       Length to face of forks       l <sub>2</sub> mm       1000         4.21       Overall width       b <sub>1</sub> /b <sub>2</sub> mm       850/798         4.22       Fork dimensions       s/e/l       mm       35/100/920         4.24       Fork carriage width       b <sub>3</sub> mm       820         4.25       Outside width of the forks       b <sub>5</sub> mm       200-560         4.31       Ground clearance, laden, below mast       m <sub>1</sub> mm       50         4.32       Ground clearance, center of wheelbase       m <sub>2</sub> mm       50         4.34.1       Aisle width for pallets 1000 × 1200 crossways       Ast       mm       2380         4.34.2       Aisle width for pallets 800 × 1200 lengthways       Ast       mm       2490         4.35       Turning radius       Wa       mm       920         Performance data       km/h       4.5         5.1       Travel speed, laden/ unladen       km/h       4.5         5.2       Lifting speed, laden/ unladen       m/s       0.127/0.23         5.8		.10 Height of wheel arms		230
4.19       Overall length       I1       mm       1920         4.20       Length to face of forks       I2       mm       1000         4.21       Overall width       b1/b2       mm       850/798         4.22       Fork dimensions       s/e/l       mm       35/100/920         4.24       Fork carriage width       b3       mm       820         4.25       Outside width of the forks       b5       mm       200-560         4.31       Ground clearance, laden, below mast       m1       mm       50         4.32       Ground clearance, center of wheelbase       m2       mm       50         4.34.1       Aisle width for pallets 1000 × 1200 crossways       Ast       mm       2380         4.34.2       Aisle width for pallets 800 × 1200 lengthways       Ast       mm       2490         4.35       Turning radius       Wa       mm       920         Performance data         5.1       Travel speed, laden/ unladen       km/ h       4.5         5.2       Lifting speed, laden/ unladen       m/ s       0.12770.23         5.3       Lowering speed, laden/ unladen       m/ s       0.26/0.2         5.8       Max. gradeability, laden/unladen		.15 Lowered height		50
4.21       Overall width       b <sub>1</sub> / b <sub>2</sub> mm       850/798         4.22       Fork dimensions       s/ e'l mm       35/100/920         4.24       Fork carriage width       b <sub>3</sub> mm       820         4.25       Outside width of the forks       b <sub>5</sub> mm       200-560         4.31       Ground clearance, laden, below mast       m <sub>1</sub> mm       50         4.32       Ground clearance, center of wheelbase       m <sub>2</sub> mm       50         4.34.1       Aisle width for pallets 1000 × 1200 crossways       Ast       mm       2380         4.34.2       Aisle width for pallets 800 × 1200 lengthways       Ast       mm       2490         4.35       Turning radius       Wa       mm       920         Performance data         5.1       Travel speed, laden/ unladen       km/ h       4.5         5.2       Lifting speed, laden/ unladen       m/ s       0.127/0.23         5.3       Lowering speed, laden/ unladen       m/ s       0.26/0.2         5.8       Max. gradeability, laden/unladen       %       5.0/8.0         5.10       Service brake type       Electromagnetic         Electric-engine         6.1       <	I <sub>1</sub>	.19 Overall length	mm	1920
4.22       Fork dimensions       s/ e/ I       mm       35/100/920         4.24       Fork carriage width       b3       mm       820         4.25       Outside width of the forks       b5       mm       200-560         4.31       Ground clearance, laden, below mast       m1       mm       50         4.32       Ground clearance, center of wheelbase       m2       mm       50         4.34.1       Aisle width for pallets 1000 × 1200 crossways       Ast       mm       2380         4.34.2       Aisle width for pallets 800 × 1200 lengthways       Ast       mm       2490         4.35       Turning radius       Wa       mm       920         Performance data         5.1       Travel speed, laden/ unladen       km/ h       4.5         5.2       Lifting speed, laden/ unladen       m/ s       0.127/0.23         5.3       Lowering speed, laden/ unladen       m/ s       0.26/0.2         5.8       Max. gradeability, laden/unladen       %       5.0/8.0         5.10       Service brake type       Electromagnetic         Electric-engine         6.1       Drive motor rating S2 60 min	l <sub>2</sub>	.20 Length to face of forks	mm	1000
4.24       Fork carriage width       b3       mm       820         4.25       Outside width of the forks       b5       mm       200-560         4.31       Ground clearance, laden, below mast       m1       mm       50         4.32       Ground clearance, center of wheelbase       m2       mm       50         4.34.1       Aisle width for pallets 1000 × 1200 crossways       Ast       mm       2380         4.34.2       Aisle width for pallets 800 × 1200 lengthways       Ast       mm       2490         4.35       Turning radius       Wa       mm       920         Performance data         5.1       Travel speed, laden/ unladen       km/ h       4.5         5.2       Lifting speed, laden/ unladen       m/ s       0.127/0.23         5.3       Lowering speed, laden/ unladen       m/ s       0.26/0.2         5.8       Max. gradeability, laden/unladen       %       5.0/8.0         5.10       Service brake type       Electromagnetic         Electric-engine         6.1       Drive motor rating S2 60 min	b <sub>1</sub> / b <sub>2</sub>	.21 Overall width	<sub>1</sub> / b <sub>2</sub> mm	850/798
4.25       Outside width of the forks       b5       mm       200-560         4.31       Ground clearance, laden, below mast       m1       mm       50         4.32       Ground clearance, center of wheelbase       m2       mm       50         4.34.1       Aisle width for pallets 1000 × 1200 crossways       Ast       mm       2380         4.34.2       Aisle width for pallets 800 × 1200 lengthways       Ast       mm       2490         4.35       Turning radius       Wa       mm       920         Performance data         5.1       Travel speed, laden/ unladen       km/ h       4.5         5.2       Lifting speed, laden/ unladen       m/ s       0.127/0.23         5.3       Lowering speed, laden/ unladen       m/ s       0.26/0.2         5.8       Max. gradeability, laden/unladen       %       5.0/8.0         5.10       Service brake type       Electromagnetic         Electric-engine       kW       1.5	s/ e/ l	.22 Fork dimensions	/ e/ l mm	35/100/920
4.31       Ground clearance, laden, below mast       m1       mm       50         4.32       Ground clearance, center of wheelbase       m2       mm       50         4.34.1       Aisle width for pallets 1000 × 1200 crossways       Ast       mm       2380         4.34.2       Aisle width for pallets 800 × 1200 lengthways       Ast       mm       2490         4.35       Turning radius       Wa       mm       920         Performance data         5.1       Travel speed, laden/ unladen       km/ h       4.5         5.2       Lifting speed, laden/ unladen       m/ s       0.127/0.23         5.3       Lowering speed, laden/ unladen       m/ s       0.26/0.2         5.8       Max. gradeability, laden/unladen       %       5.0/8.0         5.10       Service brake type       Electromagnetic         Electric-engine       kW       1.5	b <sub>3</sub>	.24 Fork carriage width	3 mm	820
4.32       Ground clearance, center of wheelbase       m2       mm       50         4.34.1       Aisle width for pallets 1000 × 1200 crossways       Ast       mm       2380         4.34.2       Aisle width for pallets 800 × 1200 lengthways       Ast       mm       2490         4.35       Turning radius       Wa       mm       920         Performance data         5.1       Travel speed, laden/ unladen       km/ h       4.5         5.2       Lifting speed, laden/ unladen       m/ s       0.127/0.23         5.3       Lowering speed, laden/ unladen       m/ s       0.26/0.2         5.8       Max. gradeability, laden/unladen       %       5.0/8.0         5.10       Service brake type       Electromagnetic         Electric-engine         6.1       Drive motor rating S2 60 min       kW       1.5	b <sub>5</sub>	.25 Outside width of the forks	5 mm	200-560
4.34.1       Aisle width for pallets 1000 × 1200 crossways       Ast       mm       2380         4.34.2       Aisle width for pallets 800 × 1200 lengthways       Ast       mm       2490         4.35       Turning radius       Wa       mm       920         Performance data         5.1       Travel speed, laden/ unladen       km/ h       4.5         5.2       Lifting speed, laden/ unladen       m/ s       0.127/0.23         5.3       Lowering speed, laden/ unladen       m/ s       0.26/0.2         5.8       Max. gradeability, laden/unladen       %       5.0/8.0         5.10       Service brake type       Electromagnetic         Electric-engine         6.1       Drive motor rating S2 60 min       kW       1.5	m <sub>1</sub>	.31 Ground clearance, laden, below mast	n <sub>1</sub> mm	50
4.34.2 Aisle width for pallets 800 × 1200 lengthways       Ast mm       2490         4.35 Turning radius       Wa mm       920         Performance data         5.1 Travel speed, laden/ unladen       km/ h       4.5         5.2 Lifting speed, laden/ unladen       m/ s       0.127/0.23         5.3 Lowering speed, laden/ unladen       m/ s       0.26/0.2         5.8 Max. gradeability, laden/unladen       %       5.0/8.0         5.10 Service brake type       Electromagnetic         Electric-engine         6.1 Drive motor rating S2 60 min       kW       1.5	m <sub>2</sub>	.32 Ground clearance, center of wheelbase	n <sub>2</sub> mm	50
4.35         Turning radius         Wa         mm         920           Performance data           5.1         Travel speed, laden/ unladen         km/ h         4.5           5.2         Lifting speed, laden/ unladen         m/ s         0.127/0.23           5.3         Lowering speed, laden/ unladen         m/ s         0.26/0.2           5.8         Max. gradeability, laden/unladen         %         5.0/8.0           5.10         Service brake type         Electromagnetic           Electric-engine         kW         1.5	Ast	.34.1 Aisle width for pallets 1000 × 1200 crossways	st mm	2380
Performance data         km/ h         4.5           5.1         Travel speed, laden/ unladen         m/ s         0.127/0.23           5.2         Lifting speed, laden/ unladen         m/ s         0.26/0.2           5.3         Lowering speed, laden/ unladen         m/ s         0.26/0.2           5.8         Max. gradeability, laden/unladen         %         5.0/8.0           5.10         Service brake type         Electromagnetic           Electric-engine         Electric-engine           6.1         Drive motor rating S2 60 min         kW         1.5	Ast	.34.2 Aisle width for pallets 800 × 1200 lengthways	st mm	2490
5.1         Travel speed, laden/ unladen         km/ h         4.5           5.2         Lifting speed, laden/ unladen         m/ s         0.127/0.23           5.3         Lowering speed, laden/ unladen         m/ s         0.26/0.2           5.8         Max. gradeability, laden/unladen         %         5.0/8.0           5.10         Service brake type         Electromagnetic           Electric-engine         6.1         Drive motor rating S2 60 min         kW         1.5	Wa	.35 Turning radius	Va mm	920
5.2         Lifting speed, laden/ unladen         m/ s         0.127/0.23           5.3         Lowering speed, laden/ unladen         m/ s         0.26/0.2           5.8         Max. gradeability, laden/unladen         %         5.0/8.0           5.10         Service brake type         Electromagnetic           Electric-engine         Electromagnetic           6.1         Drive motor rating S2 60 min         kW         1.5		erformance data		
5.3         Lowering speed, laden/ unladen         m/ s         0.26/0.2           5.8         Max. gradeability, laden/unladen         %         5.0/8.0           5.10         Service brake type         Electromagnetic           Electric-engine         Electromagnetic           6.1         Drive motor rating S2 60 min         kW         1.5		.1 Travel speed, laden/ unladen	km/ h	4.5
5.8         Max. gradeability, laden/unladen         %         5.0/8.0           5.10         Service brake type         Electromagnetic           Electric-engine         6.1         Drive motor rating S2 60 min         kW         1.5		.2 Lifting speed, laden/ unladen	m/ s	0.127/0.23
5.10         Service brake type         Electromagnetic           Electric-engine         6.1         Drive motor rating S2 60 min         kW         1.5		.3 Lowering speed, laden/ unladen	m/ s	0.26/0.2
Electric-engine 6.1 Drive motor rating S2 60 min kW 1.5		.8 Max. gradeability, laden/unladen	%	5.0/8.0
6.1 Drive motor rating S2 60 min kW 1.5		21		Electromagnetic
		lectric-engine		
6.2 Lift motor rating at S3.15% kW 2.2		.1 Drive motor rating S2 60 min	kW	1.5
· · · · · · · · · · · · · · · · · · ·			kW	2.2
6.3 The maximum allowed size battery mm 660/230/open				· · · · · · · · · · · · · · · · · · ·
6.4 Battery voltage/nominal capacity K5 V/ Ah 24/165		, , ,	V/ Ah	24/165
6.5 Battery weight kg 160		, , ,	kg	160
Addition data				
8.1 Type of drive unit AC		1 21		
10.5 Steering type 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		· · · · · · · · · · · · · · · · · · ·		1

If there are improvements of technical parameters or configurations, no further notice will be given.

The diagram shown may contain non-standard configurations.

### RATED CAPACITIES GRAPH





# Mast Option

Lift h3+h13 (mm)	mast types	Lowered mast height h1 (mm)	Free lift h2 (mm)	Extended mast height h4 (mm)
2470		1785	_	3396
2670	Duplex ZT	1885	_	3596
2970	Duplex 21	2035	_	3896
3270		2185	_	4196

### Option

	Options	ES06-CA
3	Fork length	●920
4	Fork width	•200-560(control)
10	Driving wheel	∙PU
11	Balance wheel	<del>_</del>
15	cold storage	0
16	Mast screen	<del>-</del>
17	Battery indicator with hour meter	•
18	Battery indicator without hour meter	0
19	Battery capacity	∘210AH
20	Lateral change battery	0
22	Water auto-filling system	0
25	Vertical handler working	<del>-</del>
26	Proportional lifting	_
27	Height limitation	0
30	Side shift	_
31	half speed function in turning	
32	Guard arm	_