



Specifications:

	Model			ES-14-14S ES-14-30A	ES-16-16S ES-16-35A
1	Characteristics	Capacity	kg	1400	1600
2		Load center	mm	600	
3		Operator type		Walkie (rider option)	
4	Specifications	Maximum lifting height	mm	3000/3300/3600/4000	
5		Lowered height of fork	mm	50	
6		Standard fork length	mm	1110	
7		Fork width	mm	100	
8		Minimum turning radius	mm	1482	
9		Minimum aisle width	mm	2780	
10		Minimum ground clearance	mm	30	
11	Performance	Maximum travel speed	Laden	km/h	3
			Unladen	km/h	3.5
12		Maximum lifting speed	Laden	m/s	0.13
			Unladen	m/s	0.23
13		Maximum lowering speed	Laden	m/s	0.13
	Unladen		m/s	0.23	
14	Gradeability	Laden	%	5(within 5min)	
		Unladen	%	7(within 30min)	
15	Weight	Service weight without battery pack (3M standard)	kg	844	
16		Service weight with battery pack (3M standard)	kg	1150	
17	Chassis	Overall length (3M standard)	mm	1875	
18		Length	mm	1582	
19		Straddle OD	mm	1470	
20		Straddle ID	mm	1270	
21		Straddle OD (ES-14-14A,ES-16-16A)	mm	1470/1320/1160	
22		Straddle ID (ES-14-14A,ES-16-16A)	mm	1270/1120/960	
23		Mast extended height (3m/3.3m/3.6m/4m)	mm	4198/4498/4798/5198	
24		Mast lowered height (3m/3.3m/3.6m/4m)	mm	2135/2135/2335/2535	
25	Wheel	Tyre type front/rear		poly/poly	
26		Wheels		1xDriven wheel, 1xUniversal wheel, 4xFront wheel	
27		wheel base	mm	1307	
28	Brake			Electromagnetic	
29	Motor	Travelling		24V, 0.93kw	
30		Lifting		24V, 3kw	
31	Battery(suggested)	Voltage		24V	
32		Capacity		280Ah	
33		Max battery size (L*W*H)	mm	823*248*610	
34	Control	Control system		CURTIS 1243	