

The dual AC scissor lifts series adopts the new green case appearance and is equipped with the full-sealed AC system (driving, lifting), which replaces the traditional DC system (driving, lifting). It has the advantages of maintenance-free, more waterproof, more efficient, safer and so on. The whole machine is guaranteed for two years.



PCU



ECU



AC Driving Motor



AC Driving Pump Station



Ultrasonic Anti-collision System

### Control System Update

The PCU function expansion, with its own port input, faster access to various customized functions. Standard USB power supply equipment, faster access to peripheral electronic equipment.

The ECU adopts more convenient human-computer interaction interface, and the computer and control level debugger were abandoned. All calibration and setting can be done with display. All single parts like emergency stop, key switch, display can be replaced.

A built-in black box that retrospects all operational data stored automatically by the device. Closed loop control, function self-check. More input points, fully compatible with personalized functions.

Standard equipped with angle sensor, built-in horizontal sensor, real-time detection of equipment height, tilt change, so that the operation is safer and firmer.

### Driving Update

Replace the traditional DC drive system (DC drive motor, lifting motor) with the new AC drive motor, lifting motor. Full-sealed AC drive system waterproof IP up to IP67. It has lower failure rates and fewer maintenance points. Compared with traditional models, the full AC system has low energy consumption, long service life and energy saving of 8%~10%.

### Charging System Update

Upgrade to IP67 class charger for better water resistance.

Built-in battery low power voice protection system.

CAN bus communication is the standard configuration.

### More optional configuration

Optional maintenance-free lithium battery power.

Optional automatic protection ultrasonic anti-collision system, intelligent monitoring sound and light warning within 4 meters, 1 meter stop lifting (can be forced lifting).

Optional foot switch.

Optional built-in remote monitoring module, perfectly compatible with various remote interconnection platforms.

Optional battery protection system (human voice warning, smart cut/recovery).



More Efficient



Maintenance-free



More Waterproof



Safer

### ACCESS SALES & SPARES

7 - 11 Bolitho Street, Sunshine VIC 3020

Phone: 03 9312 3835

Web: [accesssalesandspares.com](http://accesssalesandspares.com) | Email: [info@accesssalesandspares.com.au](mailto:info@accesssalesandspares.com.au)

As the technology is constantly updated, technical parameters are subject to change without notice. This manual is for reference only. The copyright is owned by Zhejiang Dingli. No content may be copied or plagiarize for any purpose without written permission.



June 2021 Edition



**DINGLI**<sup>®</sup>  
Exceed · New Height





Model	ETECH S1412 ACE	ETECH S1212 ACE	ETECH S1012 ACE	ETECH S0812 ACE	ETECH S0808 ACE	ETECH S0608 ACE	ETECH S06 ACE	
<b>Size</b>								
Max. Working Height	15.7m	13.8m	12m	10m	10m	8m	7.8m	
Max. Platform Height	13.7m	11.8m	10m	8m	8m	6m	5.8m	
Overall Length	2.84m	2.48m	2.48m	2.48m	2.48m	2.48m	1.86m	
Overall Width	1.25m	1.19m	1.15m	1.15m	0.83m	0.83m	0.76m	
Overall Height(Rails Up)	2.62m	2.62m	2.49m	2.36m	2.36m	2.23m	2.15m	
Overall Height(Rails Down)	2.09m	2.09m	1.96m	1.83m	2.00m	1.87m	1.83m	
Platform Size(Length×Width)	2.64m×1.12m	2.27m×1.12m	2.27×1.12m	2.27×1.12m	2.27×0.81m	2.27×0.81m	1.67×0.74m	
Platform Extension Size	0.90m	0.90m	0.9m	0.9m	0.9m	0.9m	0.9m	
Ground Clearance(Raised/Stowed)	0.10m/0.019m	0.10m/0.019m	0.10m/0.019m	0.10m/0.019m	0.10m/0.019m	0.10m/0.019m	0.09m/0.016m	
Wheelbase	2.22m	1.87m	1.87m	1.87m	1.87m	1.87m	1.36m	
Turning Radius(Inside/Outside)	0m/2.65m	0m/2.2m	0m/2.2m	0m/2.2m	0m/2.1m	0m/2.1m	0m/1.64m	
Tires	φ381×127mm	φ381×127mm	φ381×127mm	φ381×127mm	φ381×127mm	φ381×127mm	Φ323×100mm	
<b>Performance</b>								
S.W.L	250kg	320kg	320kg	450kg	230kg	380kg	230kg	
S.W.L On Extension	113kg	113kg	113kg	113kg	113kg	113kg	113kg	
Max. Occupants	2	2	2	2	2	2	2	
Gradeability	25%	25%	25%	25%	25%	25%	25%	
Max. Working Slope	1.5°/3°	1.5°/3°	1.5°/3°	1.5°/3°	1.5°/3°	1.5°/3°	1.5°/3°	
Travel Speed(Raised)	0.8km/h	0.8km/h	0.8km/h	0.8km/h	0.8km/h	0.8km/h	0.6km/h	
Travel Speed(Stowed)	5km/h	5km/h	5km/h	5km/h	5km/h	5km/h	4.5km/h	
Up/Down Speed	63/71sec	46/40sec	42/45sec	26/33sec	32/36sec	25/42sec	18/26sec	
<b>Overall Weight</b>								
Lead Acid Battery Type	3360kg	2990kg	3060kg	2710kg	2230kg	2160kg	1630kg	
Lithium Battery Type	3270kg	2900kg	3000kg	2650kg	2170kg	2100kg	1580kg	
<b>Power</b>								
Battery	24V/220Ah	24V/220Ah	24V/220Ah	24V/170Ah	24V/170Ah	24V/170Ah	24V/170Ah	
Charger	24V/30A	24V/30A	24V/30A	24V/30A	24V/30A	24V/30A	24V/30A	
Driving Motor	2×24VAC/0.87kW	2×24VAC/0.87kW	2×24VAC/0.87kW	2×24VAC/0.87kW	2×24VAC/0.87kW	2×24VAC/0.87kW	2×24VAC/0.5kW	
Lifting Motor	24VAC/3.5kW	24VAC/3.5kW	24VAC/3.5kW	24VAC/3.5kW	24VAC/3.5kW	24VAC/3.5kW	24VAC/3kW	
<b>Option Configurations</b>								
Overload Sensor / AC Power To Platform / Platform Work Light / Airline To Platform / Ultrasonic Anti-collision Sensor / IoT Module / High-power Charger for Lithium Battery / Lithium Battery / Foot Switch / Anti-collision Rod								