『Smart Spider Ascender』

One key up/down, easy & convenient.

Fast charging | Longer working life

newly launched

Versatility functions

Multi-core functions

Light alloy material cover Hard-wearing durable life

Aerospace light alloy material cover, wear-resistant coating & comfortable to use smooth feeling

Mode energy block

Mode R&D energy block system, with charging discharging protection, low/overload voltage protection, short circuit protection, high/low temperature protection

200A+ MAX. 200A(300W)/BLOCK(CAPACITY)

330A+ CONTINUT LIFTING

Power transaction system

Mode digital motor with epicyclic gearing transmission mechanism

Digital motor keeps a stable torque, low heat value, accuracy speed control

Small size epicyclic gearing system support a high speed rating & torque force

One-key up & down With Emergency stop button

unlimited adjustable speed handle

with full arrester connect point

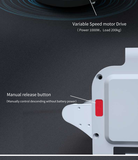
Rope access wheel

up & down

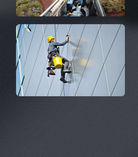
Rope fast changing system,

rope could be separated from the main device when transportation

BUTTONS AND FUNCTIONS



CE Certification



Mode Spider Ascender Specs	
Material	Aviation aluminum
Weight	330g(0.73lb)
Size	90x 55x 44mm
Speed control	variable speed Brushless 200W(up)
Stepless speed regulating handle	Yes
Max. Load	100kg
Working voltage range	12V-24V
Max. Current	20A
Consumed power	4W
Max. Torque	0.5N.m
Applicable ropes	based on ropes capacity
Max. Lifting	200m
Operating temperature	-20~+50℃
Solar cell	Optional
Fully charged battery life	Continuous 24 hours
Max. Lifting	200m
Battery pack capacity	5000mAh
Battery pack voltage	12.6V(Max 14.4V)
Charging type	type-C
Charging time	4hours
Protecting	Aluminum alloy, LED, overload, short circuit, low/high temperature protection
	Overlifting alarm
	CE, ROHS,UKCA,FCC,UN38.3
Standard package content	general charger
	1 pair of Mode Spider Ascender
	Carbon rope

Usage scenarios