Mode

『Smart Spider Ascender』

One key up/down, easy & convenient.

Fast charging longer working life

www. mode. top
Mode

newly launched

Versatility functions

Multi-core functions

Multiple core functions

High Torque

Mobile APP Remote

Stop When Releasing the Button

Fast Charging

Multiple Scenario

Super High Appearance

Light alloy material cover
Hard-wearing durable life

Aerospace light alloy material manufactured
safety & comfortable to use
Smooth feeling

⊕

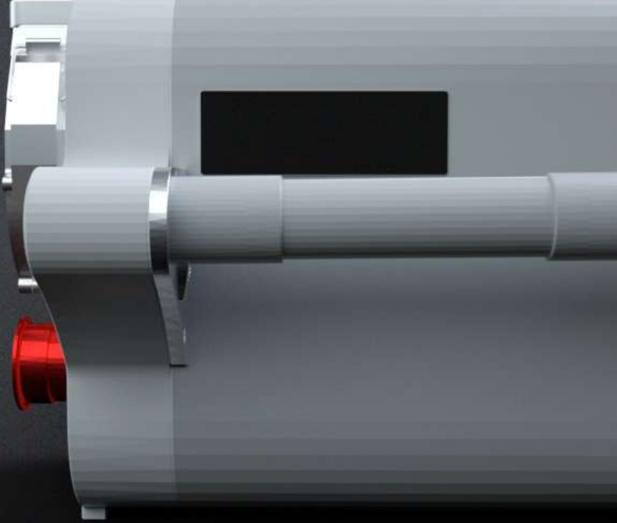
330M
HEIGHT

14.3KG
WEIGHT

Mode energy block

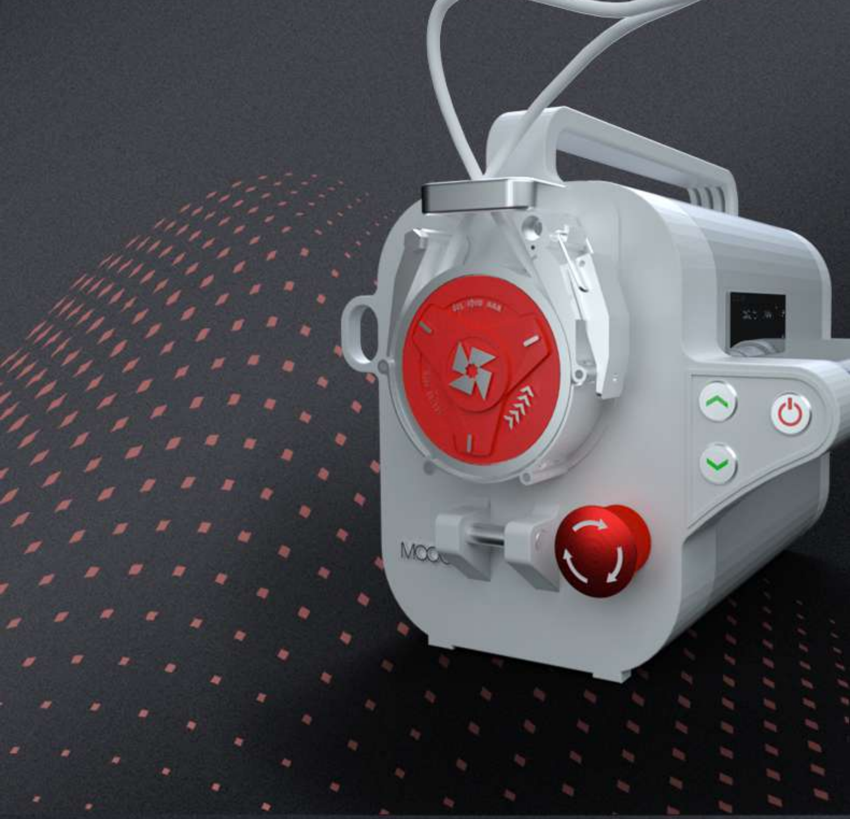
Mode R&D energy block system,
with charging/discharging protection,
low/overload voltage protection,
short circuit protection,
high/low temperature protection functions

200KG	330M
MAX. 200KG ENERGY BLOCK CAPACITY	CONSTANT 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 ratio & torque force



One-key up & down
With Emergency stop button

unlimited adjustable speed handle

with fall arrester connect point

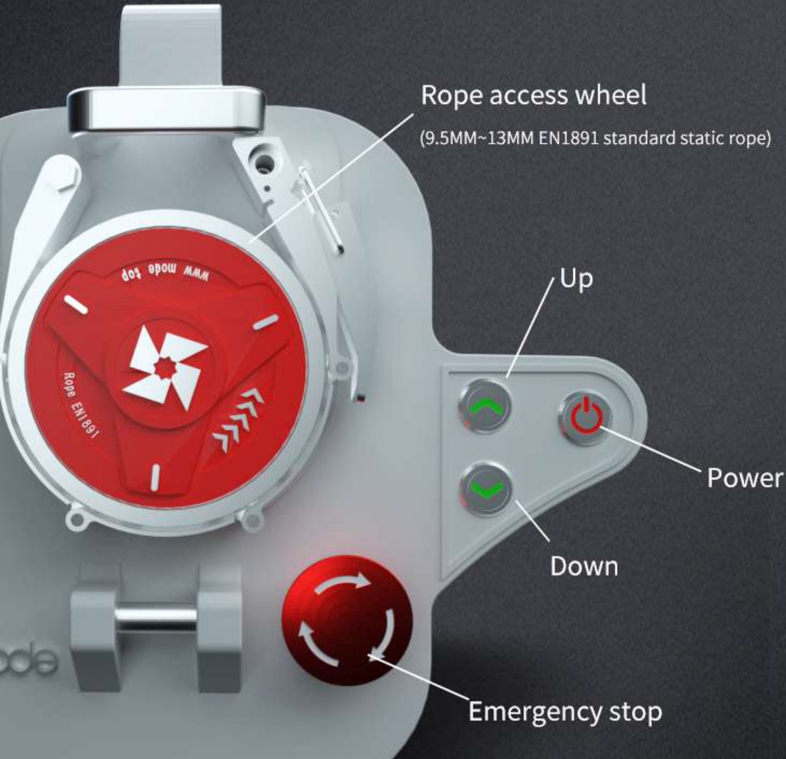
inner energy block

WI-FI control

Rope fast changing system,

rope could be separated from the main device when transportation

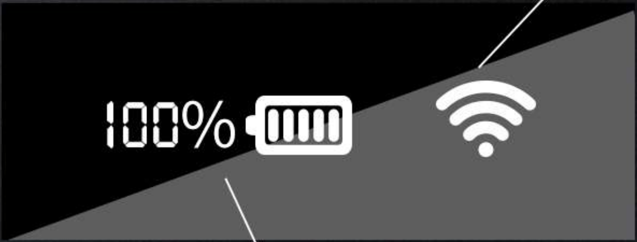
BUTTONS AND FUNCTIONS



CE Certification

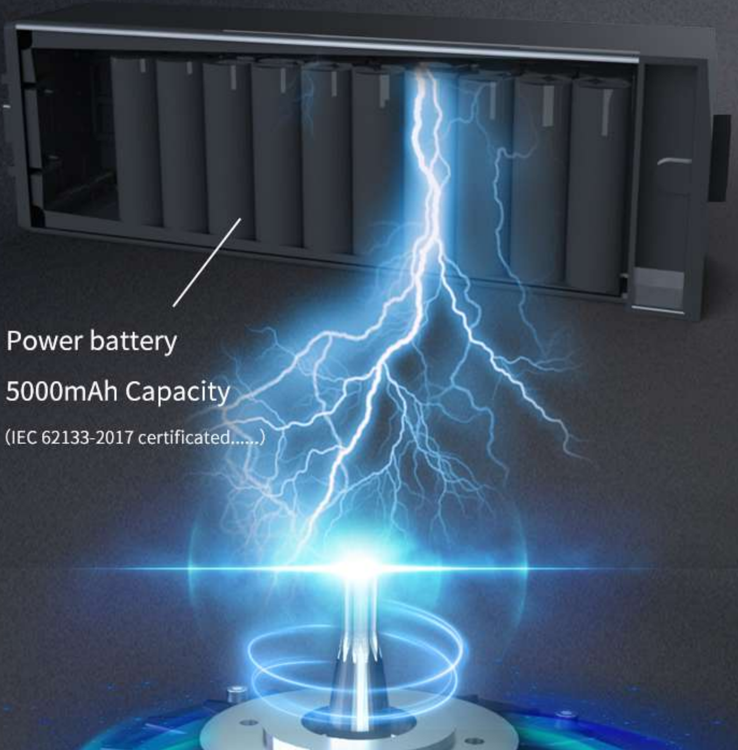
WIFI window

(Max. Distance: 100M)



Battery capacity window

(Battery remaining & voltage)



Power battery

5000mAh Capacity

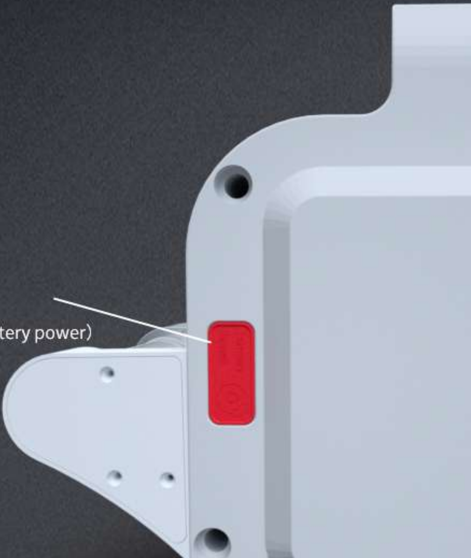
(IEC 62133-2017 certificated......)

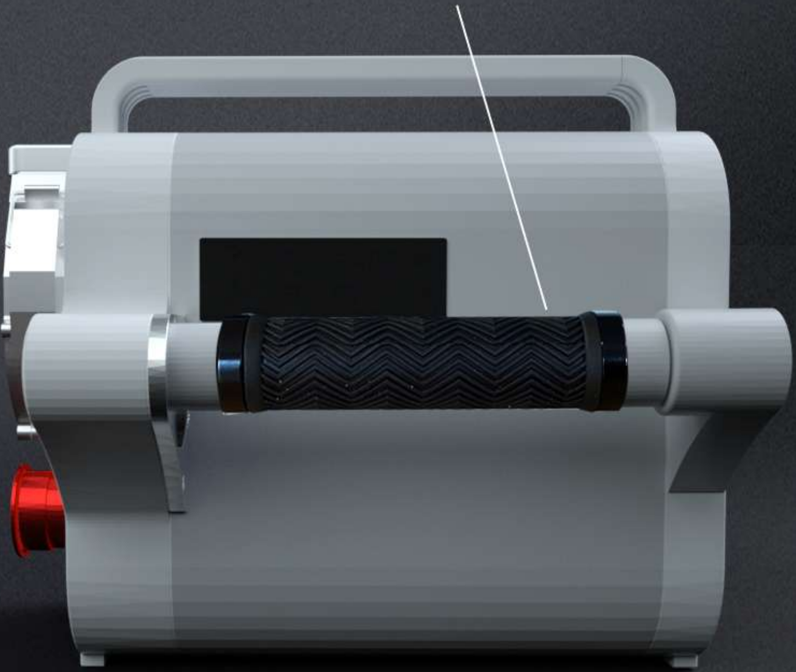
Variable Speed motor Drive

（Power 1000W，Load 200kg）

Manual release button

（Manually control descending without battery power）





Rotate handle

（Operator could adjust the working speed by rotating handle）

Smart Spider Pro Specification

Name		Smart spider pro
Material		aviation aluminium
Size		330*265*267 (mm)
Net weight		14.3kg (include battery)
Speed control		variable speed 0m/min~22m/min
Stepless speed regulating handle		Have
Voltage		36V
Rate of work		1000W
Climbing height when full loading		330m
Endurance		15min
Protection grade		IP54
WIFI		standard
WIFI max distance		100m
Application upgrade		Support program upgrade
Max loading		200kg
Operating temperature		-20℃ ~ +50℃
Static rope		9.5mm~13mm
		Comply with EN 1891 standard
No electrical release drops		have
Emergency stop		have
Standard safety buckle		D safety buckle *1
Packing	Packing way	tote bin
	Material	Aluminum alloy +EPE shockproof cotton
	Size	undeterminded
	Standard package content	SmartSpider pro*1
		SS-050S/5000mAh power battery*1
		general charger*1
		charger cable*1
		D safety buckle *1

Usage scenarios