

Smart Spider Powered Ascender

Fast Charging

Longer working life



POWERFUL MOTOR



APP CONTROL



CHANGEABLE SPEED CONTROL



FAST CHARGING



MULTIPLE APPLICATION
SCENARIOS



SUPER DURABLE
OUTER CASE



Application scenarios

Multi core function



Height access

Wind turbine/blade
maintenance

Power overhaul

Rescue & search

Bridge examine

Skyscraper maintain



Building exterior
wall repairing

Building façade cleaning



Stage construction

Offshore service

Industrial service

Tree maintenance



Light alloy material cover Hard-wearing durable life

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



**14.3KG
WEIGHT**

MODE ENERGY BLOCK

Self-developed Mode energy power management system

- Power charge and discharge protection
- Undervoltage, over current, over discharge, short circuit protection
- High temperature and low temperature active protection function

200KG

MAXIMUM LOADING

330M

MAXIMUM CLIMBING DISTANCE

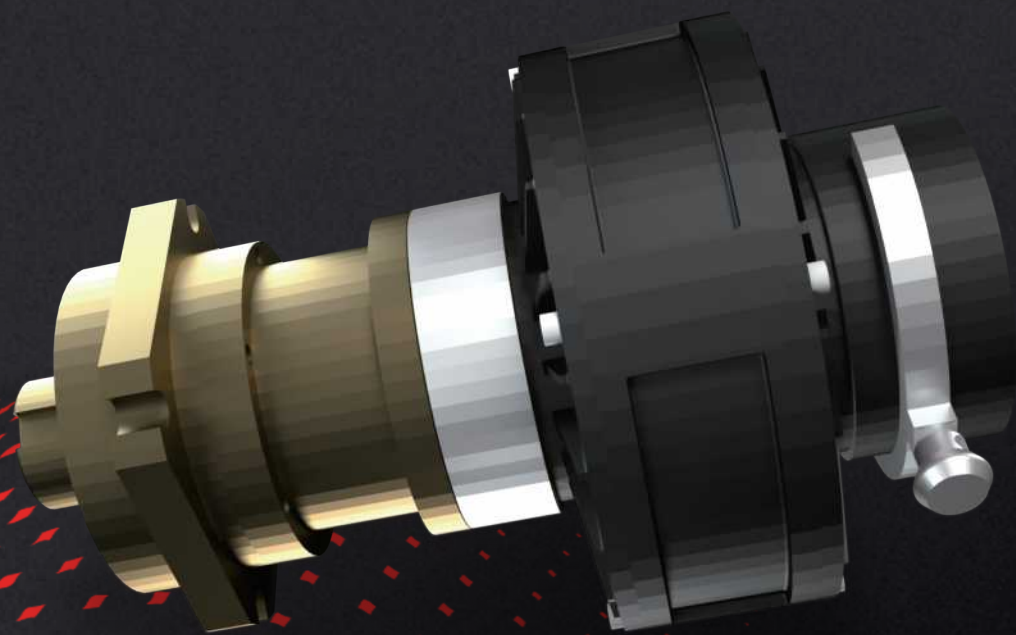


POWER GENERATE SYSTEM

Mode permanent magnet motor with multi-level planetary gear transmission mechanism

Powerful Motor brings the constant torque, low heat, accurate speed control

multi-stage planetary gear brings the large speed ratio in small volume, high pulling torque

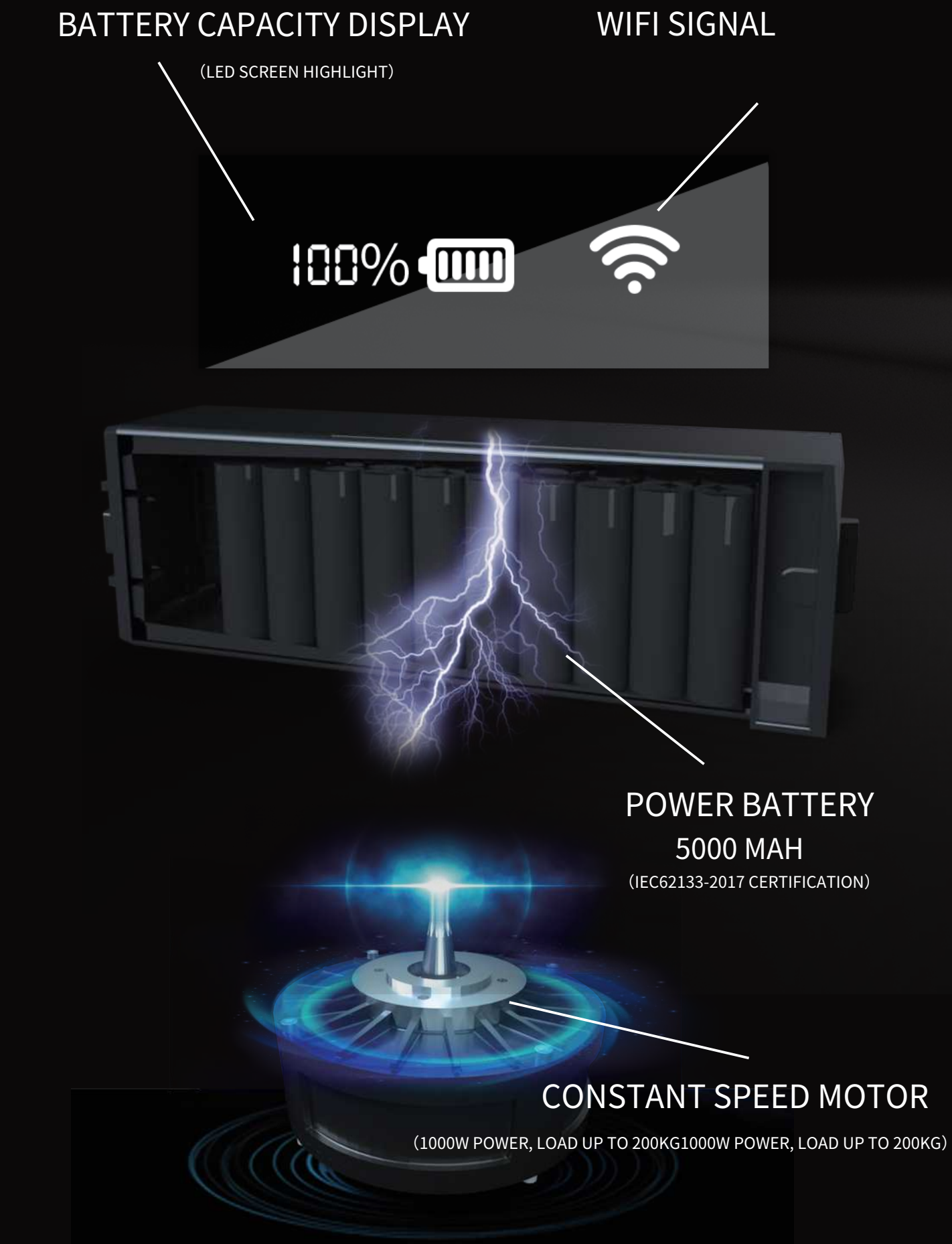
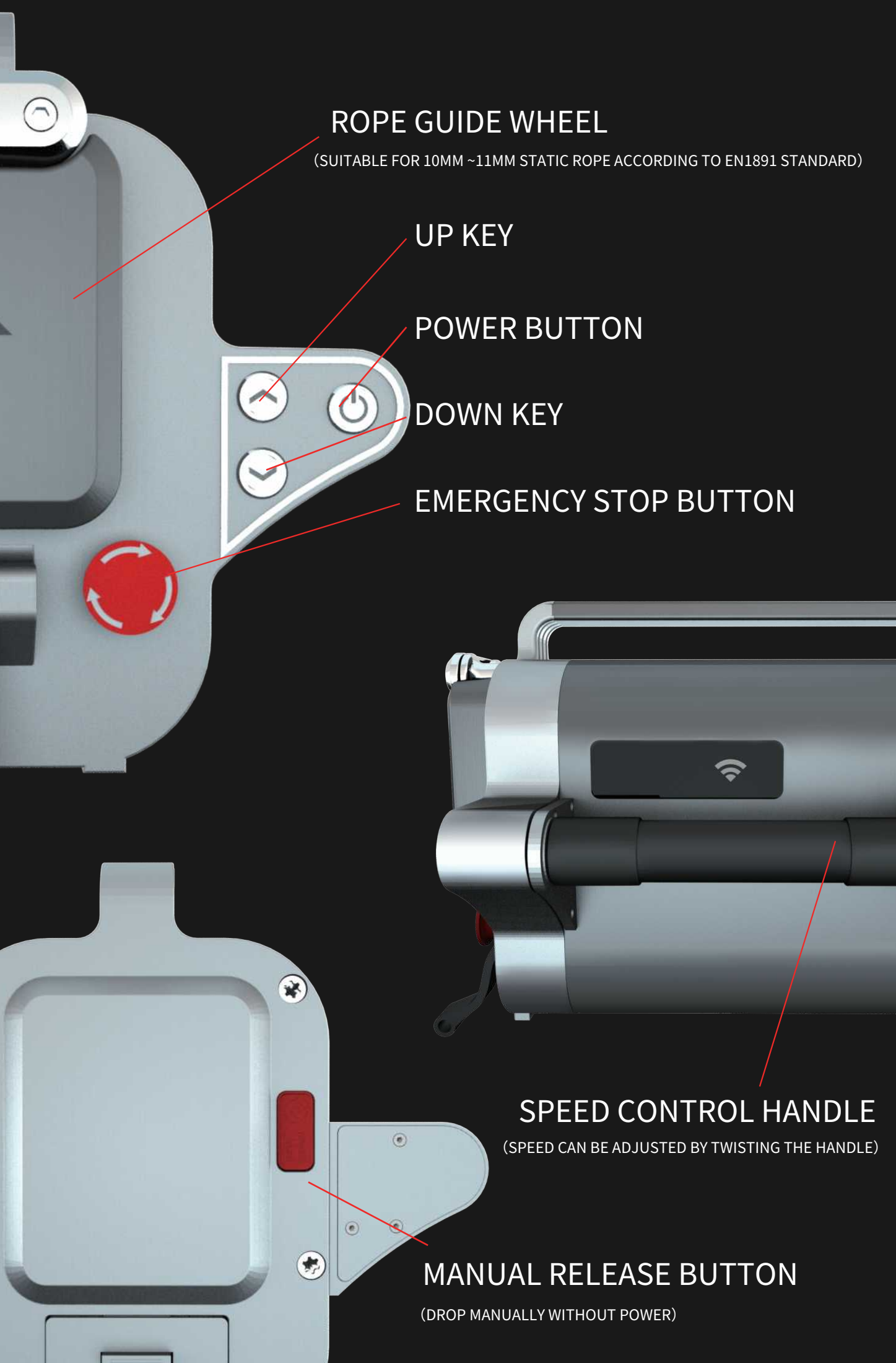


UP AND DOWN

ONE KEY UP-DOWN EMERGENCY STOP

- Stepless speed control handle
- Multi-point connection for anti-falling harness or holding stuffs
- hot swapped power battery
- wireless wifi control module, max distance 100 meters
- easy & fast rope installing and replacing





FUNCTION INTRODUCTION AND USE METHOD

PRODUCT PARAMETERS

SMART SPIDER PRO

APPEARANCE MATERIAL

ROUND TRIP 330M (120KG LOADING)

APPEARANCE SIZE

330*265*267(MM)

BODY WEIGHT

14.3KG (INCLUDE BATTERY)

BATTERY

5000 MAH POWER BATTERY POWER BATTERY

VOLTAGE

36V

MAXIMUM OPERATION TIME

15MIN (FULL LOADING)

POWER

1000W

MAX LOADING

200KG

VARIABLE SPEED CONTROL

RISE 0M/MIN~20M/MIN

DECLINE 0M/MIN~37M/MIN

RUNNING DISTANCE (SINGLE BATTERY)

DURABLE AVIATION ALUMINUM 340M (120KG LOAD)

EMERGENCY DESCENDING WHEN POWER OFF

HAVE

EMERGENCY STOP

HAVE

OPERATING TEMPERATURE

-20°C~+50°C

PROTECTION GRADE

IP54

STANDARD SAFETY BUCKLE

D-SAFETY BUCKLE

WIFI

STANDARD

WIFI MAX DISTANCE

100M

CHARGER

SINGLE CHARGER*1

OR CHOOSE ONE CHARGING STATION ONE TO TEN

ROPE SUGGESTED

EN1891 STANDARD, STATIC ROPE, WIRE DIAMETER 10MM-11MM, DUCTILITY SHALL NOT

EXCEED 4%

TACTICAL STYLE

INNOVATION IN POWER ASCENDER

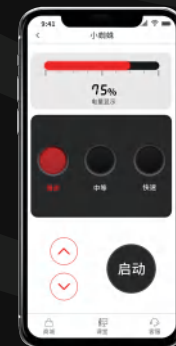
APP CONTROL SYSTEM

Through the Mode APP, you can control the ascender in real time, and monitor the rise and fall of the ascender , as well as the electric capacity situation

The Mode App include store, training class, customer service, by which you can easily purchase accessories, watch tutorials, etc.. If there is still problems you can not solve, you can also contact the sales through adsales@modehoist.com directly.



SMART SPIDER PRO



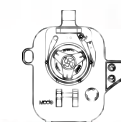
APP CONTROL
CONVENIENT AND EFFICIENT



THE BATTERY MODULE
GET RID OF THE POWER CORD



WIFI LINK
GET RID OF SIGNAL LINE



ALUMINIUM ALLOY BODY
EFFECTIVE PROTECTION OF
THE INTERIOR