



Automated 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

ENERGY BLOCK

Self-developed GSTR 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

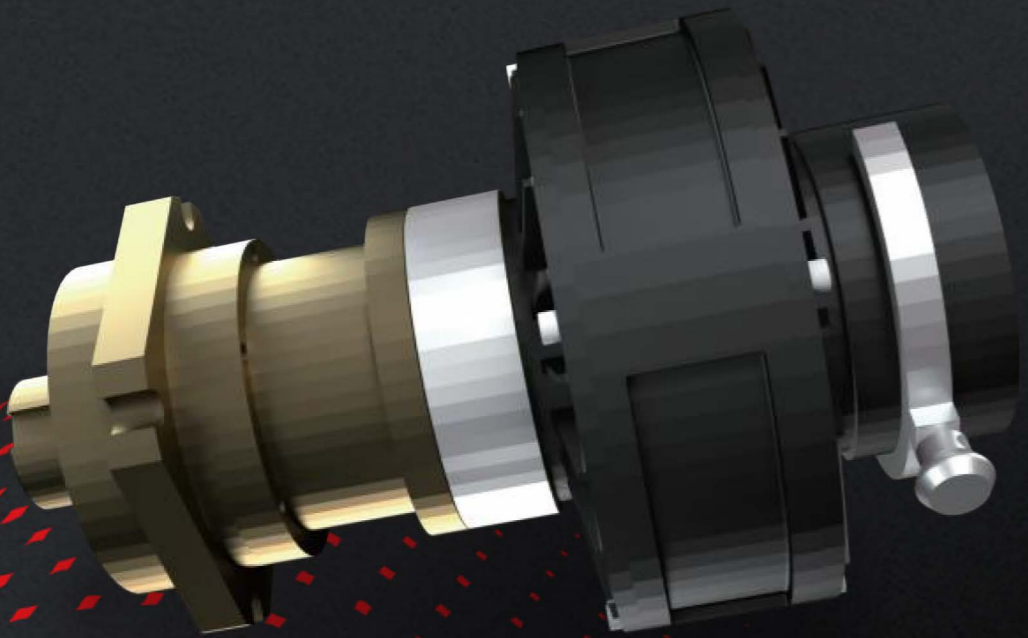
330M

MAXIMUM CLIMBING DISTANCE



POWER GENERATE SYSTEM

GSTR 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

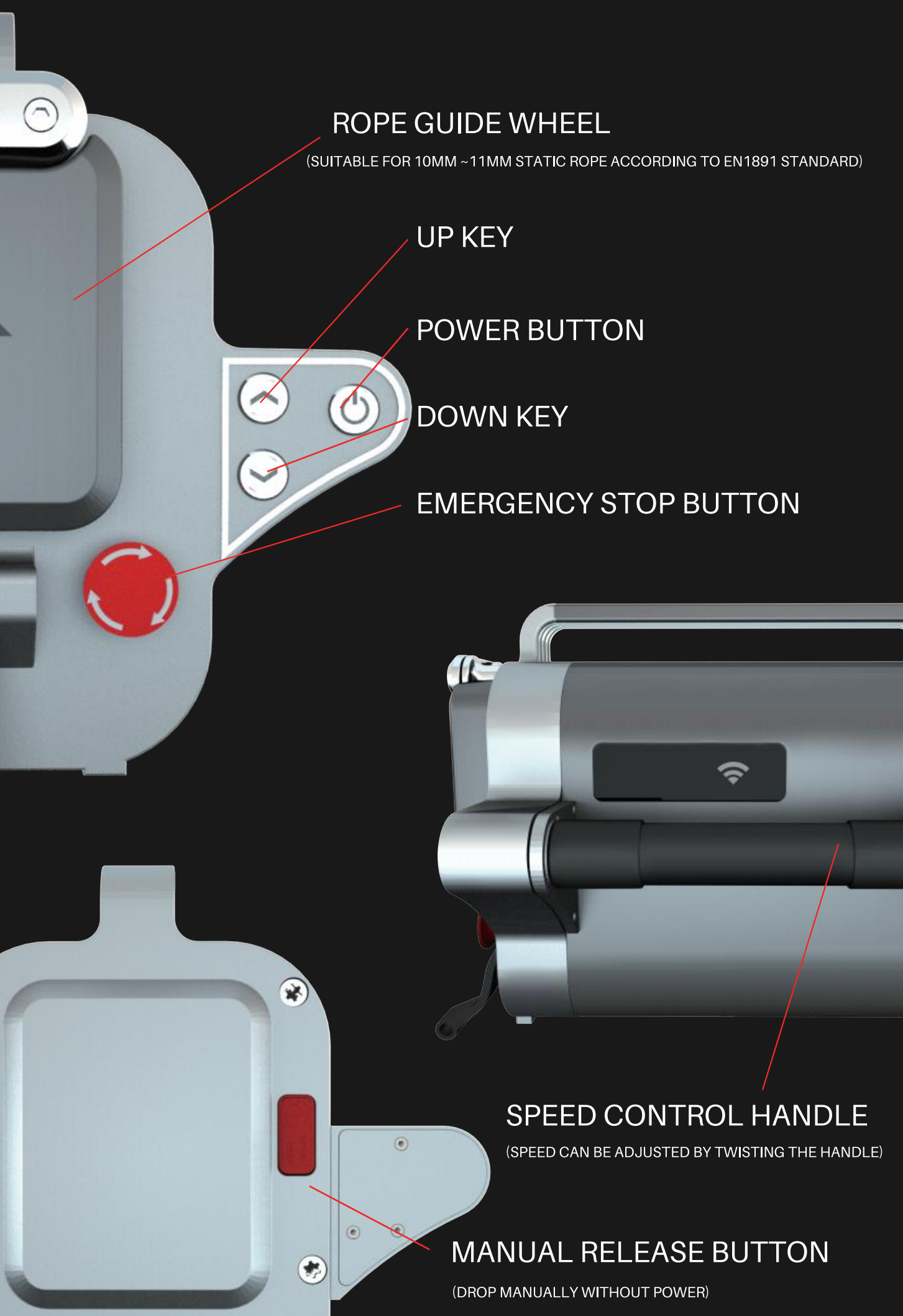


UP AND DOWN

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





BATTERY CAPACITY DISPLAY

(LED SCREEN HIGHLIGHT)

WIFI SIGNAL



POWER BATTERY
5000 MAH
(IEC62133-2017 CERTIFICATION)



CONSTANT SPEED MOTOR

(1000W POWER, LOAD UP TO 200KG)

FUNCTION INTRODUCTION AND USE METHOD

PRODUCT PARAMETERS

Automated Ascender PRO

APPEARANCE MATERIAL

DURABLE AVIATION ALLUMINUM

APPEARANCE SIZE

330*265*267(MM)

BODY WEIGHT

14.3KG (INCLUDE BATTERY)

BATTERY

5000MAH POWER BATTERY (HOT SWAPPED)

VOLTAGE

36V

MAXIMUM OPERATION TIME

15MIN (FULL LOADING)

POWER

1000W

MAX LOADING

200KG

VARIABLE SPEED CONTROL

ASCENDING 0M/MIN~20M/MIN
DESCENDING 0M/MIN~37M/MIN

RUNNING DISTANCE (SINGLE BATTERY)

330M (120KG LOADING)

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%

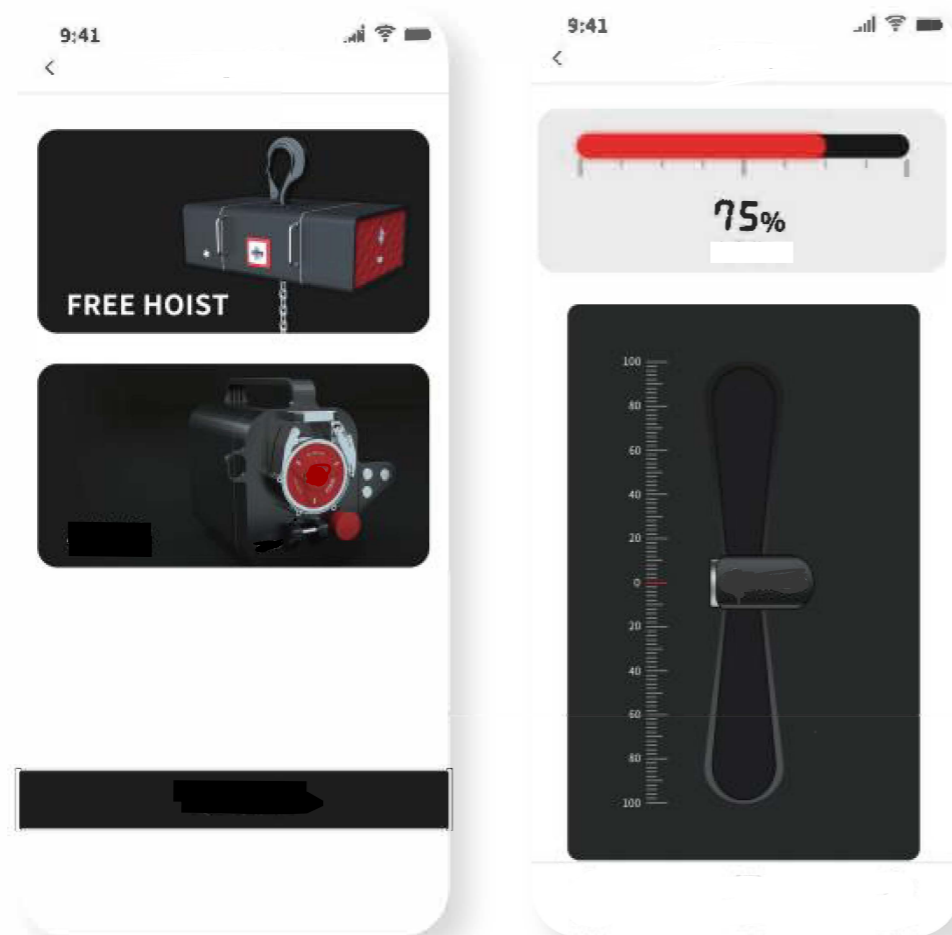
TACTICAL STYLE

INNOVATION IN POWER ASCENDER

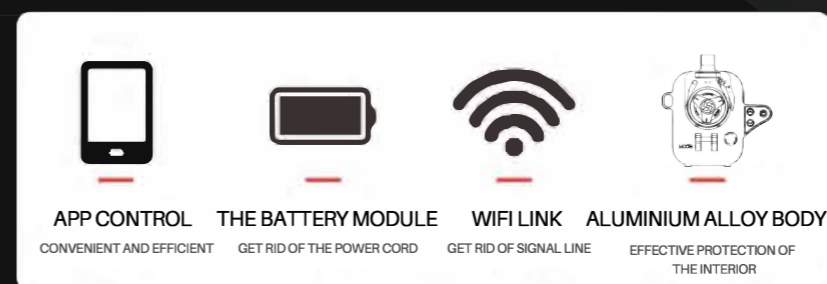
APP CONTROL SYSTEM

Through the GSTR 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 GSTR 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 usoffice@gstgr.com directly.



Automated Ascender PRO



APP CONTROL THE BATTERY MODULE WIFI LINK ALUMINIUM ALLOY BODY
CONVENIENT AND EFFICIENT GET RID OF THE POWER CORD GET RID OF SIGNAL LINE EFFECTIVE PROTECTION OF THE INTERIOR