

ATLAS POWERED ASCENDER (APA-4)



DESCRIPTION

APA-4 Series

Higher, Faster, **Even Faster**, Safer...

The Atlas Devices APA-4 system is the speed model rope ascender from Atlas Devices. Optimized around single person capacity. The high dexterity/mobility use in vertical movement tactical situations is well suited for ease of control with paddle shifter-style user interface and hand grips.

The APA-4 lifts up to 350 lbs directly, handles ropes from 6.5-11mm in diameter, operates at maritime depth, and has a hot-swappable battery. A manual brake release allows descent with no battery, and an integrated 2:1 attachment allows users to build mechanical advantage systems quickly and easily to lift loads up to 700 lbs (expert use only). Also as with all products in the Atlas Devices family, it is compatible with all APA-4 batteries and remotes.

CAPABILITIES AND SPECIFICATIONS

PN: 07865 (body) + 01489 (standard battery)

Brand: Atlas Devices

Material Construction: Aluminum

Weight Without STD Battery: 15.4 lbs / 7 kg

Weight With STD Battery: 22.9 lbs / 10.3 kg

Dimensions Without STD Battery: 9.4 x 5.1 x 11.7 in / 23.8 x 12.8 x 29.6 cm

Dimensions With STD Battery: 13.2 x 5.1 x 11.7 in / 33.4 x 12.8 x 29.6 cm

Typical Reach Height: 1400 ft / 427 m with high capacity battery

Ascender

- PN 07865

- Weight: 15.4 lbs / 7 kg

- Max direct lift capacity: 350 lbs / 158 kg

- Ascent/descent speed: Variable, 0 - 3.5 ft/s (1.1 m/s)

Standard Battery

- PN: 01489

- Weight: 7.25 lbs / 3.3 kg

- Ascent distance per charge, single user: 700ft @ 250 lbs

- Submergence rating allows connect/disconnect at depth

- Redundant mechanical interlock

- Interchangeable battery

Rope

- Rope diameter: 6.5-11 mm static Technora kernmantle Toughline Rope

- Larger rope diameter capability: Optional 9-13mm

Environmental

- Operational seawater depth rating
- Operating Temp Range: -10° F to +120° F

Safety

- Fully tensile load-rated housing
- Ergonomic safety interlock for operation
- Emergency mechanical descent without battery
- Non-volatile battery if punctured by ballistic

Options

- Wireless Remote Control
- Extended life battery

Certifications

- Meets relevant IMCA Standards for safe use of electricity underwater
- Meets relevant standards for Safe Use of Energized System at Operational Maritime Depth by U.S. Navy Experimental Diving Unit
- NAVSEA 9310 Certified by US DoD
- US DoD Test and Evaluation Command Safety Confirmation – Certification for Operational Use
- Environmental: MIL-STD 810F, MIL-STD 167

RECOMMENDED MISSION PROFILES

VBSS: Surface, Subsurface, Goplat, Tagline

Dive Operations: Boarding, Powered Ascent, Tagline

Rescue: High Angle, Airborne, Swift Water/Flood, Disaster Response, Maritime

Urban: Hook and Climb, RECCE/SNOT, EOD, Emergency Bailout, Industrial

Mountain: Alpine/Rock, Snow/Glacier, Adobe/Softwall

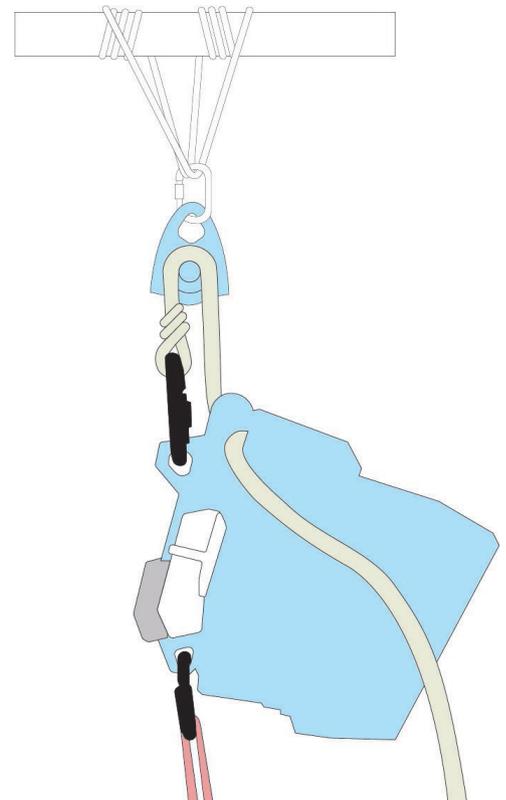
Airborne: Rappel, Fries/Spies, Non-Standard Aircraft, Rotary Wing Aircraft, Fixed Wing Aircraft



Compact Attachment Options



On-body hand controls



Upper anchor point enables direct 2:1 haul

CAPABILITIES



VBSS (High)

WHAT YOU NEED:

P/N: 07867 -AK-APA-4 (Kit)

P/N: 07313-ATL-150FT-9.0MM (Atlas Toughline Static Rope, 9.0MM)

P/N: 07376-1 LAUNCHER (Kit)



GOPLAT

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P/N: 07313-ATL-150FT-9.0MM (Atlas Toughline Static Rope, 9.0MM)

P/N: 07376-1 LAUNCHER (Kit)



RESCUE

WHAT YOU NEED:

P/N: 078671-AK-APA-4 (Kit)

P/N: 01763-ATL-150FT-10.5MM (Atlas Toughline Static Rope, 10.5 mm)

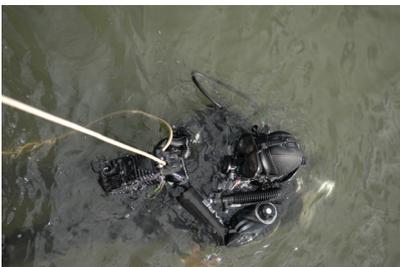


AIRBORNE

WHAT YOU NEED:

P/N: 078671-AK-APA-4 (Kit)

P/N: 01763-ATL-150FT-10.5MM (Atlas Toughline Static Rope, 10.5 mm)



DIVE OPERATIONS

WHAT YOU NEED:

P/N: 07867 -AK-APA-4 (Kit)

P/N: 07313-ATL-150FT-9.0MM (Atlas Toughline Static Rope, 9.0MM)

P/N: 07372-2 COMPACT LAUNCHER (Kit)