ATLAS POWERED ASCENDER (APA-2)

DESCRIPTION

APA-2 Series (new)
Higher, Faster, Safer…**Smaller.**

The Atlas Devices APA-2 system is the lightest most compact and powerful rope ascender in the world. Designed to meet a uniquely broad range of operational, environmental, and technical performance challenges that military operators experience, it delivers reliable performance in a critically minimal footprint for size, weight, and employ- ability ruggedization.

CAPABILITIES AND SPECIFICATIONS

PN: 13149 (body), 07774 (low profile battery), 01489 (standard battery), 01490 (high-capacity battery)
Brand: Atlas Devices
Material Construction: Aluminum
Weight (body): 13.7 lbs / 6.2 kg
Weight (with Battery): 17.75lbs/8.1kg (LP)   21.3lbs/9.6kg (STD)   26.3lbs/11.9kg (HC)
Dimensions (Body): 11.25x5.5x8in/28.6x13.97x20.32cm
Dimensions (with Battery):
11.25x7.5x8in/28.6x19.05x20.32cm(LP)
11.25x9.5x8in/28.6x24.13x20.32cm(STD)
11.5x10x8in/29.2x25.4x20.32cm(HC)

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

- Ascender
- Max direct lift capacity: 350 lbs / 158 kg
- Ascent/descent speed: Variable, 0 – 2.15ft/s (0.66 m/s)
- 2:1 hauling clip in point, Tether clip in highpoint

Low Profile Battery

- PN: 07774
- Ascent distance per charge, single user: 295ft/90+m @ 250 lbs/113kg
- Submergence rating allows connect/disconnect at depth
- Redundant mechanical interlock
- Interchangeable battery

Rope

- Rope diameter: 6.5-9 mm static Technora kernmantle Toughline Rope

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

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

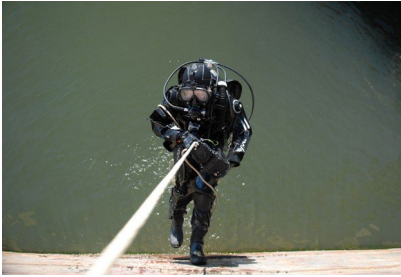## RECOMMENDED MISSION PROFILES
VBSS: Surface, Subsurface, GOPLAT, Tagline
Dive Operations: Boarding, Powered Ascent, Tagline
Rescue: High Angle, Swift Water/Flood, Disaster Response, Maritime
Urban: Hook and Climb, RECCE/SNOT, EOD, Emergency Bailout, Industrial
Mountain: Alpine/Rock, Snow/Glacier, Adobe/Softwall

CAPABILITIES

VBSS (High)

WHAT YOU NEED:
P/N: 10929 AK-APA-2 (Standard Kit)
P/N: 12340 COMPACT LAUNCHER (Complete Kit)

GOPLAT

WHAT YOU NEED:
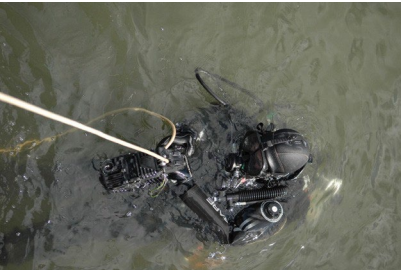P/N: 10929 AK-APA-2 (Standard Kit)
P/N: 11853 LAUNCHER (Complete Kit)

RESCUE

WHAT YOU NEED:
P/N: 10929 AK-APA-2 (Standard Kit)
P/N: 12340 COMPACT LAUNCHER (Complete Kit)

DIVE OPERATIONS

WHAT YOU NEED:
P/N: 10929 AK-APA-2 (Standard Kit)
P/N: 12340 COMPACT LAUNCHER (Complete Kit)