

Ascenders - Comparison Chart

	Material	Weight (without STD battery)	Weight (with STD battery)	Dimensions (without STD battery)	Dimensions (with STD battery)	Typical Reach Height	Ascender Weight	Max. direct lift capacity	Ascent / Descent Speed	STD Battery Weight	Rope	Operating Temperature Range	Certifications
Atlas APA-4	Aluminium	7kg / 15.4lbs	10.3kg / 22.9lbs	23.8 x 12.8 x 29.6 cm 9.4 x 5.1 x 11.7 in	33.4 x 12.8 x 29.6 cm 13.2 x 5.1 x 11.7 in	427m / 1400ft	7kg / 15.4lbs	158kg / 350lbs	1.1m/s 0-3.5ft/s	3.3kg / 7.25lbs	6.5-11 mm static Technora kernmantle Toughline Rope OR Larger rope diameter capability: Optional 9-13 mm	-10° F to +120° F	<ul style="list-style-type: none"> - 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 <ul style="list-style-type: none"> - NAVSEA 9310 Certified by US DoD - US DoD Test and Evaluation Command Safety Confirmation - Certification for Operational Use <ul style="list-style-type: none"> - Environmental: MIL-STD 810F, MIL-STD 167
Atlas APA-5	Aluminium	6.7kg / 14.8lbs	10kg / 22.3lbs	27.2 x 12.7 x 26.7 cm 10.7 x 5 x 10.5 in	27.2 x 12.7 x 36.8 cm 10.7 x 5 x 14.5 in	427m / 1400ft	6.7kg / 14.8lbs	272kg / 600lbs	Variable	3.3kg / 7.25lbs	9-11mm static Technora kernmantle Toughline Rope OR Smaller rope diameter capability: Optional for 6.5-11mm	-10° F to +120° F	<ul style="list-style-type: none"> - 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 <ul style="list-style-type: none"> - NAVSEA 9310 Certified by US DoD - US DoD Test and Evaluation Command Safety Confirmation - Certification for Operational Use <ul style="list-style-type: none"> - Environmental: MIL-STD 810F, MIL-STD 167 <ul style="list-style-type: none"> - Meets ANSI Z359.4