

A-I-R USA

Glider Spec Sheet

	ATOS-VQ	ATOS-VR	ATOS-VRS	ATOS-VR190
Flight Characteristics	<p>The ATOS VQ is designed for the recreational pilot who wants to out-perform the local topless pilots on glide and paragliders in sink rate!</p> <p>With that said, Europeans are winning races on ATOS VQs and the longest recent rigid flights in the US have been on the ATOS VQ! And those pilots all have the least expensive and lightest ATOS with the quickest set-up time!</p>	<p>This is the highest performing ATOS glider. The ATOS VR is built for pilots who want to race between thermals while optimizing their sink rate and glide at every speed.</p>	<p>The most agile, and arguably most attractive, glider in the line with the same performance profile as the race-ready VR.</p> <p>The ATOS VR-S is designed for lighter weight pilots with the benefit of the greatest agility for maximizing the most challenging wandering thermals.</p> <p>It packs up 3 ft shorter than your conventional flex wing and is also a the right choice for flying with a trike!</p>	<p>This ATOS VR-190 is a tandem rated glider with the same dimensions, high-speed performance and agility of a standard ATOS VR.</p> <p>This glider is suited to a racing pilot who also wants the flexibility of flying tandem on the same glider!</p>
DHV Certified	Yes	Yes	Yes	Tandem
Recommended Pilot Weight (Birthday Suit Weight)	132-220 lbs	154-243 lbs	99-176 lbs	154-243 lbs
Minimum Sink	128 ft/min	128 ft/min	128 ft/min	128 ft/min
Glider Weight	84 lbs	91 lbs	83 lbs	99 lbs
Single Spar Weight Separated for Transport (with keel and without)	46 + 38 lbs	50 + 42 lbs	50 + 33 lbs	53 + 46 lbs
Wing Span	44 ft	45.3 ft	39.4 ft	45.3 ft
Wing Area	153 sqft	158 sqft	131 sqft	158 sqft
Aspect Ratio	13.5	13.3	12.2	13.3
Minimum Take-Off Weight (including wing)	198 lbs	198 lbs	176 lbs	198 lbs
Maximum Take-Off Weight (including wing)	395 lbs	398 lbs	379 lbs	503 lbs
Transport Dimensions	16.9x1.57x.7 ft	16.9x1.57x.7 ft	13.1x1.5x.7 ft	16.9x1.57x.7 ft
Rigging Time	12 min	13 - 18 min	13 - 18 min	13 - 18 min