



Calypso

The Calypso is a light easy intermediate wing for beginning and leisure pilots who want a confidence-inspiring wing that is easy to travel and fly with, whilst still offering great XC possibilities.

TECHNICAL SPECIFICATIONS

	S size	M size
Flat area (m ²)	24.42	26.5
Flat span (m)	11.11	11.57
Flat aspect ratio	5.05	5.05
Projected area (m ²)	21.00	22.79
Projected span (m)	8.83	9.20
Projected aspect ratio	3.72	3.72
Chord (m)	2.78	2.90
Number of cells	47	47
Glider weight (kg)	3.65*	3.90*
Weight range (kg)	75-95	85-105
Certification	EN-B	EN-B

* Weight with light Dyneema risers. Regular risers: add 200g

MATERIALS

Canopy cloth	Material
Upper surface leading edge	Porcher Skytex, 34 g/m ²
Upper surface	Porcher Skytex, 27 g/m ²
Lower surface	Porcher Skytex, 27 g/m ²
Lines	
Upper	Dyneema Aramid PPSL65 DSL 70 PPSL 120
Middle	Dyneema PPSL 160 200
Main	Dyneema Aramid PPSL 120 275 350 TGL145



Atlas²

The Atlas 2 is an easy intermediate wing for beginning and leisure pilots who want a confidence-inspiring wing that still offers great XC possibilities, built with durable materials ready to be flown in the toughest terrains.

TECHNICAL SPECIFICATIONS

	S size	M size
Flat area (m ²)	24.94	27.08
Flat span (m)	11.4	11.88
Flat aspect ratio	5.21	5.21
Projected area (m ²)	21.49	23.34
Projected span (m)	9.11	9.49
Projected aspect ratio	3.86	3.86
Chord (m)	2.76	2.88
Number of cells	47	47
Glider weight (kg)	5.1	5.4
Weight range (kg)	75-95	85-105
Certification	EN-B	EN-B

MATERIALS

Canopy cloth	Material
Upper surface leading edge	Porcher Skytex, 38 g/m ²
Upper surface	Porcher Skytex, 38 g/m ²
Lower surface	Dominico DMF 34 g/m ²
Lines	
Upper	Liros DSL 70 PPSL 120 DC 60 Gin TGL 80
Middle	Liros PPSL 120 160
Main	Liros PPSL 200 275 Gin TGL 145



GLIDER COMPARISON

Calypso / Atlas²



CHARACTERISTICS



CHARACTERISTICS



DESIGN DIFFERENCES

New profile

The Calypso has a completely different profile than the Atlas 2. It provides the wing with a better take-off behavior with all possible wind conditions and also offer it a more agile handling.

Line setting

A new line structure increases the number of attachment points and reduces the weight by reducing diagonals.

Structural optimisation

Optimisation of the internal structure of the Calypso has enabled further weight reductions and a cleaner top surface.

Sail tensioning

The sail tensioning in the Calypso has been optimised according to the new profile. This also produces a cleaner canopy.

New planform and A.R

As the planform of the Calypso is different, so has the aspect ratio been modified. This results in friendlier handling and also a weight reduction by area modification.

Fabrics, lines materials

Besides a weight reduction, the new combination of materials chosen for the Calypso results in more damped reactions in all flight angles, and more direct and agile handling.

New internal structure

Redesigned internal structure, bands diagonals etc

LINE DIAGRAM

