



## Nitro Wind Range

| Wind      | 1.6       |    |    | 2         |    |    | 2.5       |    |    | 3.1       |    |    | 3.9       |    |    | 4.9       |    |    | 6.1       |    |    | 7.7       |    |    | 9.7       |    |    | 12.2      |    |    | 15.4      |    |    | Wind  |    |    |           |
|-----------|-----------|----|----|-----------|----|----|-----------|----|----|-----------|----|----|-----------|----|----|-----------|----|----|-----------|----|----|-----------|----|----|-----------|----|----|-----------|----|----|-----------|----|----|-------|----|----|-----------|
| Speed     | Weight kg |    |    | Speed |    |    |           |
| Beaufort  | 60        | 75 | 90 | 60        | 75 | 90 | 60        | 75 | 90 | 60        | 75 | 90 | 60        | 75 | 90 | 60        | 75 | 90 | 60        | 75 | 90 | 60        | 75 | 90 | 60        | 75 | 90 | 60        | 75 | 90 | 60        | 75 | 90 | 60    | 75 | 90 | Beaufort  |
| 9.0 - 9.5 |           |    | ■  |           |    |    |           |    |    |           |    |    |           |    |    |           |    |    |           |    |    |           |    |    |           |    |    |           |    |    |           |    |    |       |    |    | 9.0 - 9.5 |
| 8.5 - 9.0 |           | ■  | ■  |           |    | ■  |           |    |    |           |    |    |           |    |    |           |    |    |           |    |    |           |    |    |           |    |    |           |    |    |           |    |    |       |    |    | 8.5 - 9.0 |
| 8.0 - 8.5 | ■         | ■  | ■  |           |    | ■  |           |    | ■  |           |    |    |           |    |    |           |    |    |           |    |    |           |    |    |           |    |    |           |    |    |           |    |    |       |    |    | 8.0 - 8.5 |
| 7.5 - 8.0 | ■         | ■  | ■  | ■         | ■  | ■  |           |    | ■  |           |    | ■  |           |    |    |           |    |    |           |    |    |           |    |    |           |    |    |           |    |    |           |    |    |       |    |    | 7.5 - 8.0 |
| 7.0 - 7.5 | ■         | ■  | ■  | ■         | ■  | ■  | ■         | ■  | ■  |           |    | ■  |           |    | ■  |           |    |    |           |    |    |           |    |    |           |    |    |           |    |    |           |    |    |       |    |    | 7.0 - 7.5 |
| 6.5 - 7.0 | ■         | ■  |    | ■         | ■  | ■  | ■         | ■  | ■  | ■         | ■  | ■  |           |    | ■  |           |    |    |           |    |    |           |    |    |           |    |    |           |    |    |           |    |    |       |    |    | 6.5 - 7.0 |
| 6.0 - 6.5 | ■         |    |    | ■         | ■  |    | ■         | ■  | ■  | ■         | ■  | ■  | ■         | ■  | ■  |           |    | ■  |           |    |    |           |    |    |           |    |    |           |    |    |           |    |    |       |    |    | 6.0 - 6.5 |
| 5.5 - 6.0 |           |    |    | ■         |    |    | ■         | ■  |    | ■         | ■  | ■  | ■         | ■  | ■  |           |    | ■  |           |    |    |           |    |    |           |    |    |           |    |    |           |    |    |       |    |    | 5.5 - 6.0 |
| 5.0 - 5.5 |           |    |    |           |    |    | ■         |    |    | ■         | ■  |    | ■         | ■  | ■  | ■         | ■  | ■  |           |    | ■  |           |    |    |           |    |    |           |    |    |           |    |    |       |    |    | 5.0 - 5.5 |
| 4.5 - 5.0 |           |    |    |           |    |    |           |    |    | ■         |    |    | ■         | ■  | ■  | ■         | ■  | ■  |           |    | ■  |           |    |    |           |    |    |           |    |    |           |    |    |       |    |    | 4.5 - 5.0 |
| 4.0 - 4.5 |           |    |    |           |    |    |           |    |    |           |    |    | ■         | ■  |    | ■         | ■  | ■  | ■         | ■  | ■  |           |    |    |           |    |    |           |    |    |           |    |    |       |    |    | 4.0 - 4.5 |
| 3.5 - 4.0 |           |    |    |           |    |    |           |    |    |           |    |    | ■         |    |    | ■         | ■  | ■  | ■         | ■  | ■  | ■         | ■  | ■  |           |    |    |           |    |    |           |    |    |       |    |    | 3.5 - 4.0 |
| 3.0 - 3.5 |           |    |    |           |    |    |           |    |    |           |    |    |           |    |    | ■         | ■  |    | ■         | ■  | ■  | ■         | ■  | ■  | ■         | ■  | ■  |           |    |    |           |    |    |       |    |    | 3.0 - 3.5 |
| 2.5 - 3.0 |           |    |    |           |    |    |           |    |    |           |    |    |           |    |    | ■         |    |    | ■         | ■  | ■  | ■         | ■  | ■  | ■         | ■  | ■  | ■         | ■  | ■  |           |    |    |       |    |    | 2.5 - 3.0 |
| 2.0 - 2.5 |           |    |    |           |    |    |           |    |    |           |    |    |           |    |    |           |    |    | ■         | ■  |    | ■         | ■  | ■  | ■         | ■  | ■  | ■         | ■  | ■  | ■         | ■  | ■  |       |    |    | 2.0 - 2.5 |
| 1.5 - 2.0 |           |    |    |           |    |    |           |    |    |           |    |    |           |    |    |           |    |    | ■         |    |    | ■         | ■  | ■  | ■         | ■  | ■  | ■         | ■  | ■  | ■         | ■  | ■  | ■     | ■  | ■  | 1.5 - 2.0 |
| 1.0 - 1.5 |           |    |    |           |    |    |           |    |    |           |    |    |           |    |    |           |    |    |           |    |    | ■         | ■  | ■  | ■         | ■  | ■  | ■         | ■  | ■  | ■         | ■  | ■  | ■     | ■  | ■  | 1.0 - 1.5 |
| 0.5 - 1.0 |           |    |    |           |    |    |           |    |    |           |    |    |           |    |    |           |    |    |           |    |    | ■         |    |    | ■         | ■  | ■  | ■         | ■  | ■  | ■         | ■  | ■  | ■     | ■  | ■  | 0.5 - 1.0 |



## Nitro Technical Data

| Kite<br>Size | Area                |                     | Span  |           | Chord  |       | AspectRatio |           | Cells | Bridle<br>Length |
|--------------|---------------------|---------------------|-------|-----------|--------|-------|-------------|-----------|-------|------------------|
|              | Flat                | Projected           | Flat  | Projected | Middle | Tip   | Flat        | Projected |       |                  |
| 1.6          | 1.60m <sup>2</sup>  | 1.43m <sup>2</sup>  | 2.84m | 2.42m     | 0.68m  | 0.29m | 5.04        | 4.08      | 26    | 1.8m             |
| 2.0          | 2.00m <sup>2</sup>  | 1.79m <sup>2</sup>  | 3.17m | 2.70m     | 0.76m  | 0.32m | 5.04        | 4.08      | 26    | 2.0m             |
| 2.5          | 2.52m <sup>2</sup>  | 2.26m <sup>2</sup>  | 3.57m | 3.04m     | 0.86m  | 0.36m | 5.04        | 4.08      | 26    | 2.2m             |
| 3.1          | 3.12m <sup>2</sup>  | 2.82m <sup>2</sup>  | 4.08m | 3.50m     | 0.93m  | 0.27m | 5.37        | 4.41      | 36    | 2.5m             |
| 3.9          | 3.90m <sup>2</sup>  | 3.52m <sup>2</sup>  | 4.56m | 3.92m     | 1.04m  | 0.30m | 5.37        | 4.41      | 36    | 2.8m             |
| 4.9          | 4.90m <sup>2</sup>  | 4.42m <sup>2</sup>  | 5.13m | 4.39m     | 1.16m  | 0.34m | 5.37        | 4.41      | 36    | 3.1m             |
| 6.1          | 6.10m <sup>2</sup>  | 5.49m <sup>2</sup>  | 5.83m | 5.02m     | 1.25m  | 0.35m | 5.57        | 4.57      | 42    | 3.6m             |
| 7.7          | 7.70m <sup>2</sup>  | 6.94m <sup>2</sup>  | 6.55m | 5.64m     | 1.41m  | 0.39m | 5.57        | 4.57      | 42    | 4.0m             |
| 9.7          | 9.70m <sup>2</sup>  | 8.74m <sup>2</sup>  | 7.35m | 6.33m     | 1.58m  | 0.44m | 5.57        | 4.57      | 42    | 4.5m             |
| 12.2         | 12.20m <sup>2</sup> | 10.97m <sup>2</sup> | 8.46m | 7.23m     | 1.73m  | 0.48m | 5.86        | 4.77      | 42    | 5.1m             |
| 15.4         | 15.40m <sup>2</sup> | 13.84m <sup>2</sup> | 9.75m | 8.13m     | 1.94m  | 0.54m | 5.86        | 4.77      | 42    | 5.8m             |