

## Combined VAWT Technical paramters

| Model                 | D-S03KW                                                     | D-S05KW | D-S10KW | D-S20KW |
|-----------------------|-------------------------------------------------------------|---------|---------|---------|
| Rated power           | 3kw                                                         | 5kw     | 10kw    | 20kw    |
| Dia. Rotor            | 2,4m                                                        | 3,2m    | 5m      | 6m      |
| Blade height          | 3,2m                                                        | 3,6m    | 6m      | 8m      |
| Tension               | 380 V or custom                                             |         |         |         |
| Type                  | Vertical axis wind turbin                                   |         |         |         |
| Number of blades      | 3/4/5                                                       |         |         |         |
| Startup speed         | 3m/s                                                        |         |         |         |
| Rated speed           | 11m/s                                                       |         |         |         |
| Maximum speed         | 55m/s                                                       |         |         |         |
| Braking system        | Custom electromagnetic or mechanical brake                  |         |         |         |
| Generator             | Three Phase Synchronous Coreless Permanent Magnet Generator |         |         |         |
| Insulation Level      | H                                                           |         |         |         |
| Blade material        | Aluminum alloy                                              |         |         |         |
| Class                 | IEC Class III                                               |         |         |         |
| Mast                  | Independent mast                                            |         |         |         |
| Certificate           | CE, ISO                                                     |         |         |         |
| Noise level           | <65dBA                                                      |         |         |         |
| Operating temperature | -20°C ~50°C                                                 |         |         |         |
| Protection            | IP65                                                        |         |         |         |
| Lifetime              | 20 years                                                    |         |         |         |



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