

## 1. windgenerator SILENTWIND 12V

### 1.1 electrical specs

generator type	permanent magnet generator, 3 phase
rated voltage	12 VDC
rated power output	420 Watt
rated wind speed	14,5 m/s
start-up wind speed	2,2 m/s
start up charging	2,8 m/s
operating indicator	LED-blue, at generator body

### 1.2 mechanical specs

security check in the wind tunnel	122 km/h without any complaints
rotor diameter	1,15 m
quantity of blades	3
weight of blade	150g/blade - low centrifugal load
rotor blade material	CFK - hand-laminated
rotation speed, range of charging	550 - 1700 rpm
weight generator	6,8 kg (Generator)
packing dimensions	780 x 400 x 210 mm (packing weight: 10 kg)
olor	white RAL 9010, powder coated
warranty	36 month

**1. windgenerator SILENTWIND 24V**
**1.1 electrical specs**

generator type	permanent magnet generator, 3 phase
rated voltage	24 VDC
rated power output	450 Watt
rated wind speed	14,5 m/s
start-up wind speed	2,2 m/s
start up charging	2,8 m/s
operating indicator	LED-blue, at generator body

**1.2 mechanical specs**

security check in the wind tunnel	122 km/h without any complaints
rotor diameter	1,15 m
quantity of blades	3
weight of blade	150g/blade - low centrifugal load
rotor blade material	CFK - hand-laminated
rotation speed, range of charging	550 - 1600 rpm
weight generator	6,8 kg (Generator)
packing dimensions	780 x 400 x 210 mm (packing weight: 10 kg)
olor	white RAL 9010, powder coated
warranty	36 month