

SWP - 20kW
14TG20 WIND TURBINE



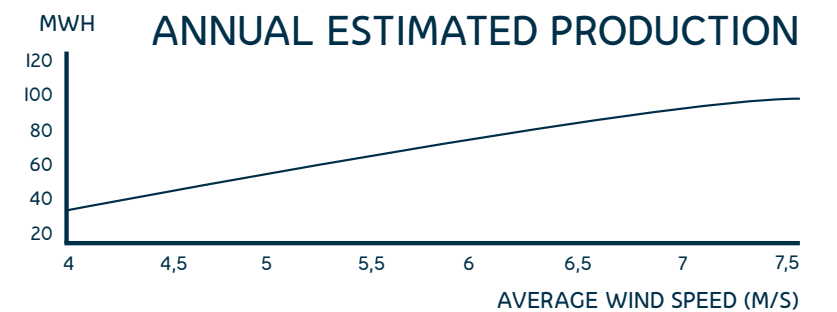
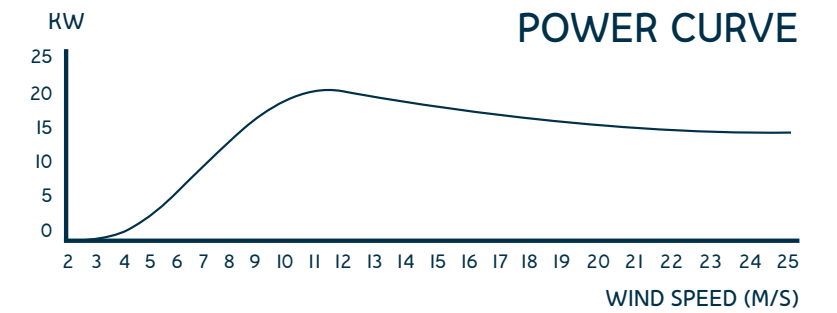
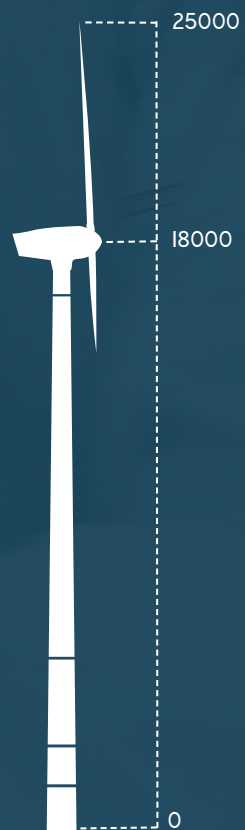
Solid wind power offers our customers a **proven and well-tested technology.**

More than 500 turbines have been installed and more than 3 million production hours of data have been collected and analyzed.





The result of our R&D is an innovative **SWP-20kW** wind turbine which is reliable and efficient



OUR BLADES

Ensuring high performance

Blades are the most important part of a wind turbine as they determine how much power will be harvested from the wind. To optimize the turbine, **Solid** wind power has developed its own state-of-the-art blades technology and designed high performing blades. The blades are equipped with a lightning protection system (optional).

OUR EXPERIENCE

Ensuring reliability and quality

Denmark is the cradle of modern wind turbine technology, where our employees have grown up. Our engineers and technicians have used their large baggage of experience to design and produce wind turbines, using the newest technologies and tools.

OUR SCADA SYSTEM

Ensuring easy maintenance

An advanced SCADA system has been created and tailored for **Solid** wind power wind turbines. The SCADA system is remote controllable and adjustable, by either the SCADA-APP or web access. Service technicians can easily restart turbines either using a PC or a cell phone. This maximises up time of the turbine.

TECHNICAL DATA

Rated power	20kW
Rotor diameter	14 m
Hub height	18 m, 24 m, 30 m
Swept area	154 m ²
Rated wind speed	10 m/s
Starting wind speed	3 m/s
Cut-off wind speed	25 m/s
Survival wind speed	52.5 m/s
Rotations per minute	50 RPM

GENERATOR

Manufacturer Germany (5 years warranty)

GEARBOX

Manufacturer Sweden (5 years warranty)

BLADES

Manufacturer RMV - Denmark (5 years warranty)

CONTROLLER

Manufacturer Controller SWP - Denmark (5 years warranty)

YAWING SYSTEM

Manufacturer BJ gear - Denmark (5 years warranty)

WEIGHT

Nacelle	1350 kg
Rotor	390 kg
Control-cabinet incl. CEI-02I relay	50 kg



Produced 
in denmark 

Please visit
www.solidwindpower.com
for more in depth
information about the
SWP-I9.8kW

Solid wind power a/s

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