

windkit

the hackable wind turbine

technical specs

rotor diameter	2.2 Meter
rated power	400 Watt
an. power production	500 kWh/a @ 4 m/s
system voltage	12, 24, 48 Volt



secure

developed according to
industry standard IEC61400-2



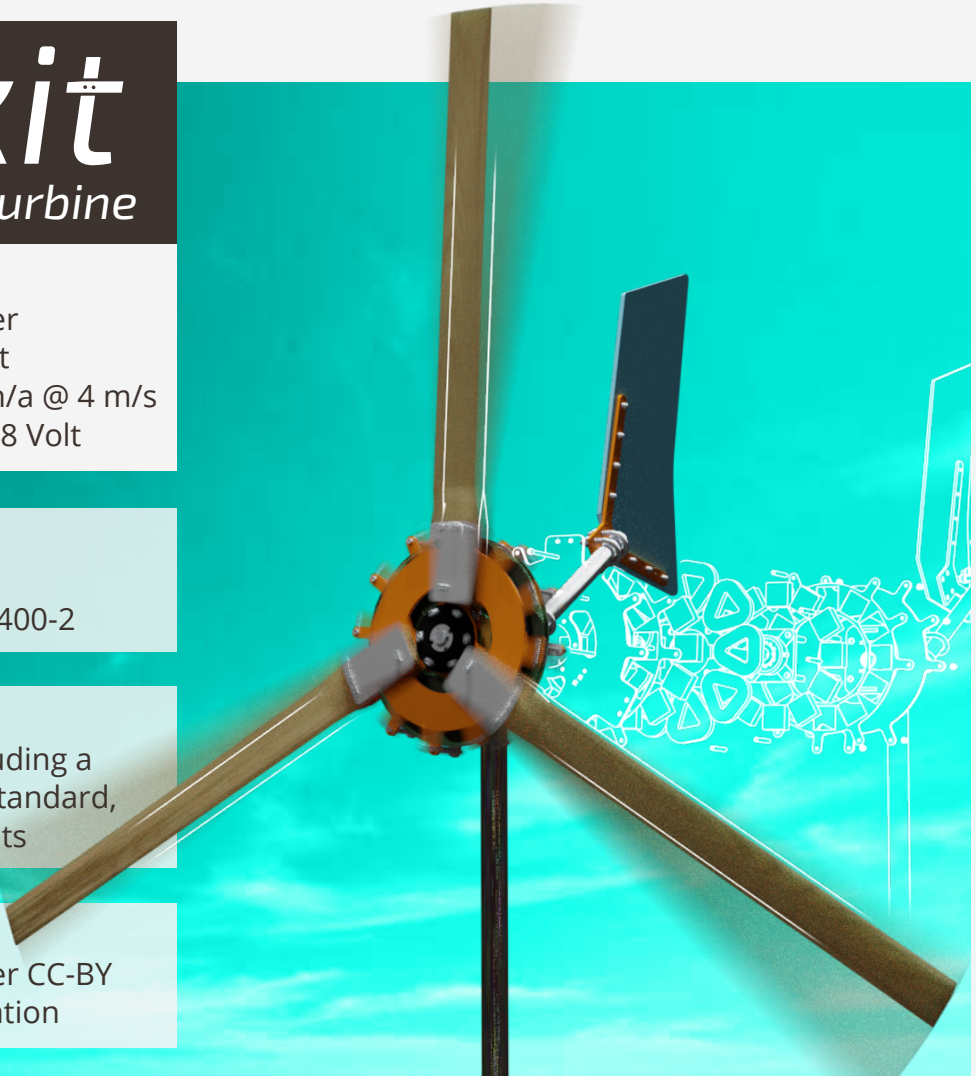
easy to build & repair

easy to use manual including a
maintenance plan and standard,
of-the-shelf components



open-source

all plans and codes under CC-BY
license for easy modification



usecases



education

the first educational assembly kit
bringing a real wind turbine to
your classroom.



maker

the first fully functional and
modular open source small wind
turbine assembly set to create
your own wind turbine.



local fabrication

implement your local production
ideas. we designed globally so
you could manufacture locally.



offgrid

become independent and
produce your own energy by
harvesting the wind!

product roadmap

2019 idea phase: **done**

2020 calculation & simulation phase: **done**
cad construction: **done**
part sourcing & pricing: **done**

2021 prototyping phase: **funding needed**
charge controller: in evaluation
field test: planned
data evaluation: open
plan release: open

2022 serial production: open

get in touch

email **info@deltaempower.org**
web **windkit.cc**
twitter **@windkit_cc**