







Intelligent Return on Nature

Small Wind Turbines

iQron GmbH, Germany

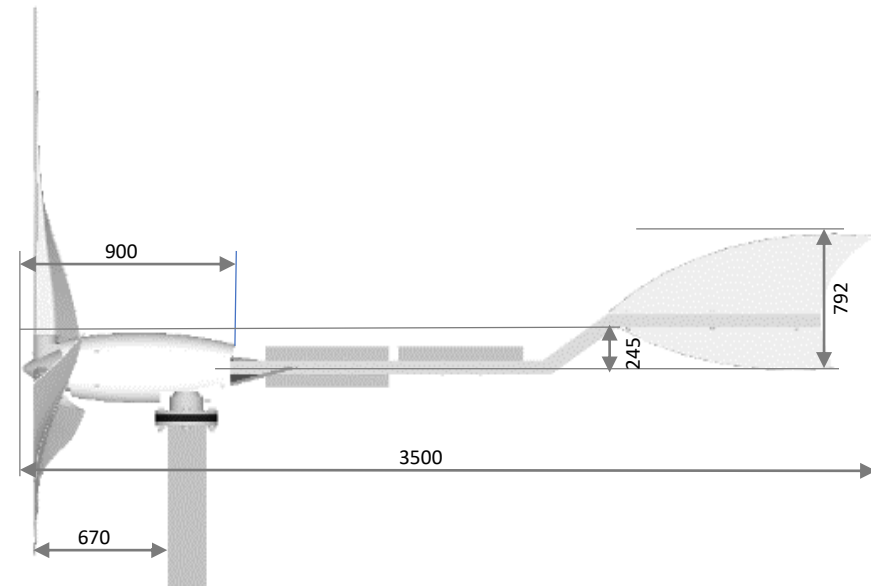
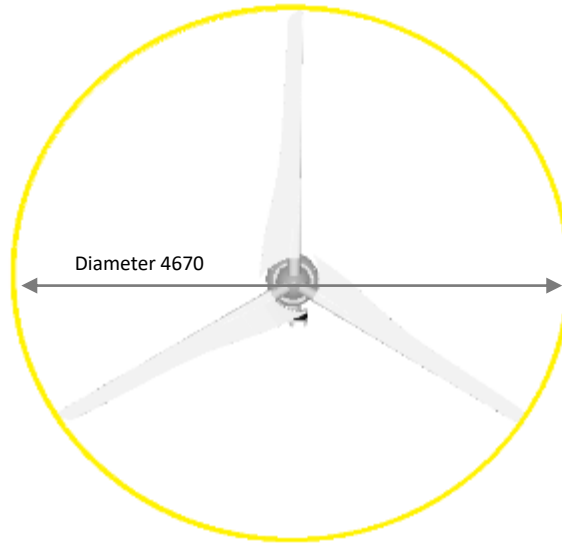
Small Wind Turbines for...

-  Hotels / Ressorts
-  Telecom-Towers
-  Agriculture & Warehouses
-  Small Grid Projects
-  Rural area development

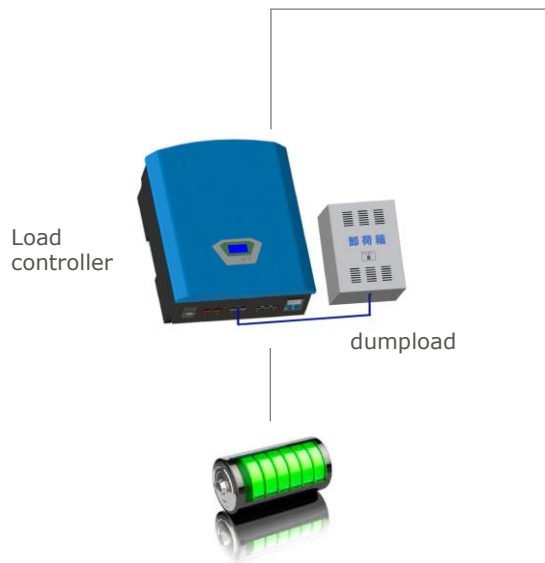
Product Range:

-  2,5 kW
-  5,0 kW
-  7,0 kW





OFF - GRID



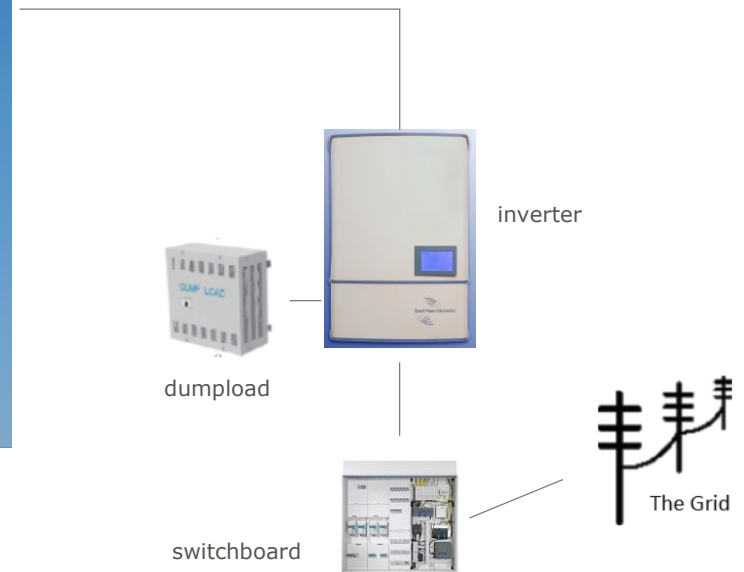
**applicable for Battery Systems
with 24/48/96 V**

**WIND CHARGER with bi-directional
operation and dumpload 10 kW**

Max. 350 Volt AC, 14 A



ON - GRID



Inverter including dumpload 6 kW

**full 3-phase harmonization in accordance to
the need of the grid provider**

Pole systems are available for several heights and in several specifications

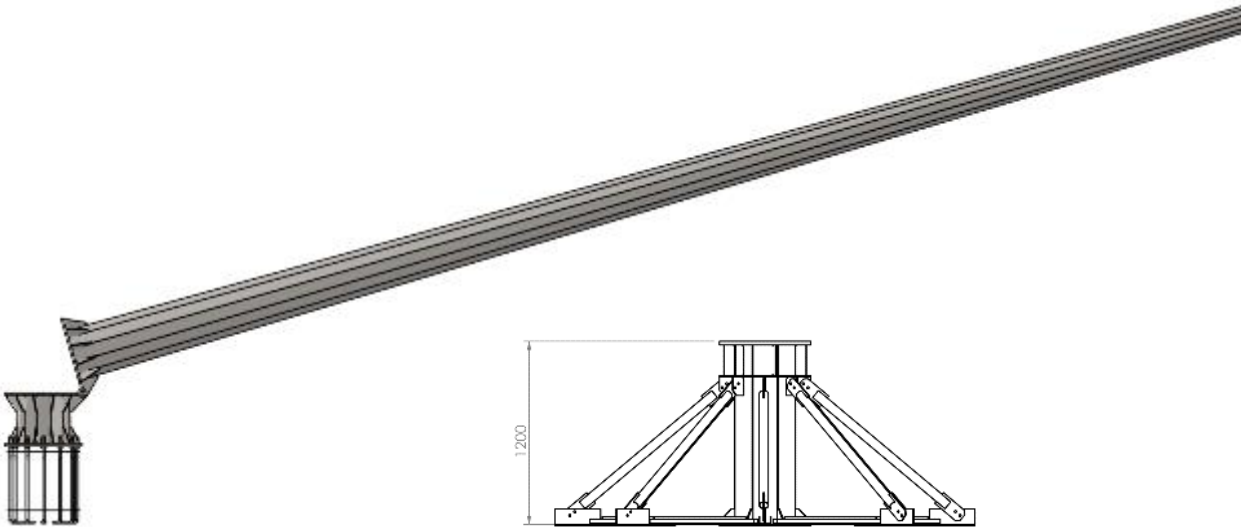
Recommended minimum: 7.5m

Highest tower realized so far: 22m (Dubai)

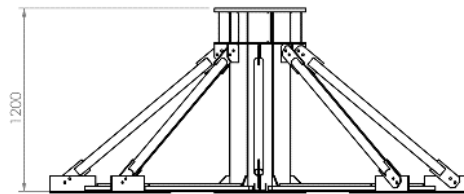
iQron-delivered poles are suitable for wind load zone 4 (up to 180km/h)

lifting poles recommended for on-ground-assembling of the turbine

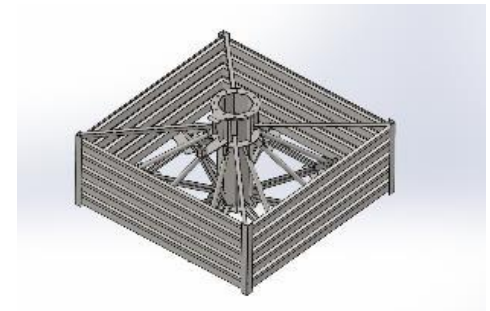
poles can also be sourced locally – iQron will provide static parameters



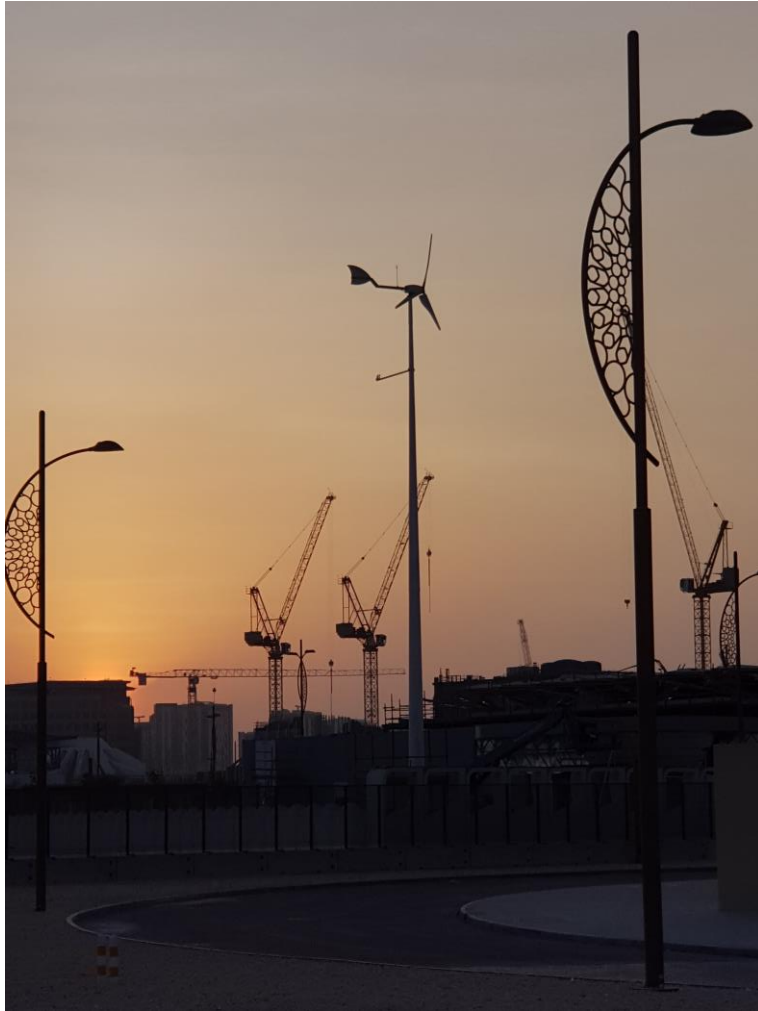
Concrete-founded



Non-concrete, into soil



Non-concrete, bucket



Emirates National Oil Company (ENOC):

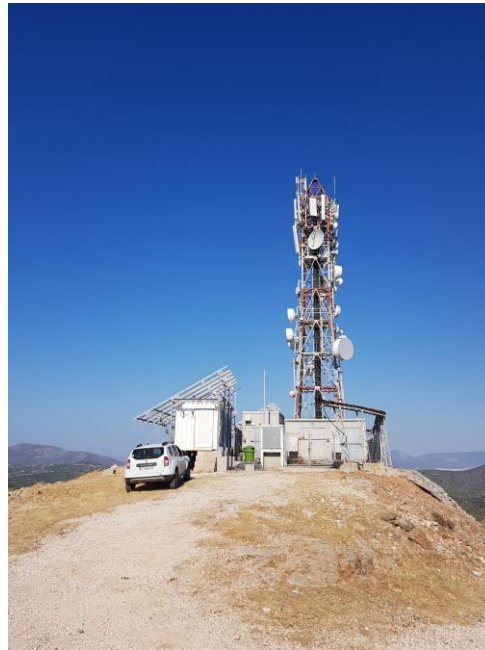
EXPO 2020-site „Service Station of the Future“

1st **on-grid** small wind turbine of the U.A.E.



Deutsche Telekom AG

- Utilizing small wind turbines at telecom towers within Deutsche Telekom Group
- Installation at sites of greek subsidiary COSMOTE just started
- Field test at German sites of Deutsche Funkturm beginning end of October 2020



Dimension Data – South Africa

- Supplier to Dimension Data's business unit Managed Services
- Focused on farming sites, grocery storages and rural area development



Lutzville

local water
de-salting plant,
off-grid



Upper Blinkwater, Small Grid Project

5 units to bring
electricity in ultra
rural areas





Germany

Private landlord
2,5 kW on-grid



Wülfershausen, Germany

Paint shop
5 kW off-grid

Linden, Switzerland

Elderly people home
5 kW off-grid

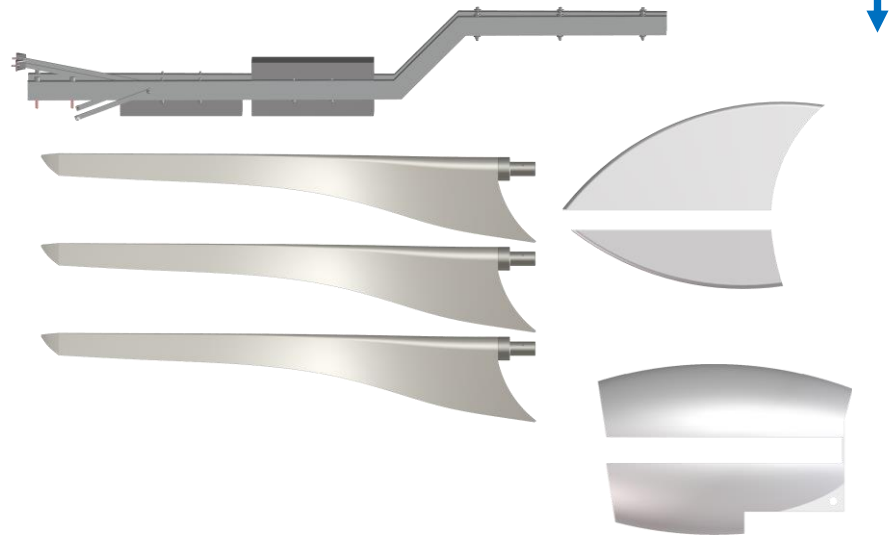
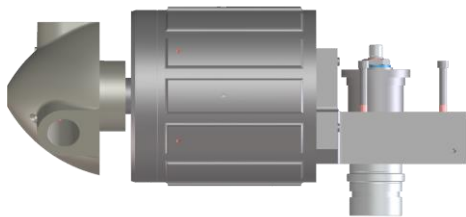


Distribution partners:

Electricians / project developer within renewables / real estate project developer / smart communities / etc.

Production partners:

blades / fin / housing to be produced locally out of GRP
tail to be produced locally out of aluminium





Intelligent Return on Nature

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Thank you very much!