



TUGE 2

DATASHEET

TUGE 2 is a small wind turbine designed and produced in Estonia.

It is based on a famous Hugh Piggott concept and combines industrial quality with DIY price and simplicity.

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OPERATING PARAMETERS

Maximum power	2.5 kW
Nominal power	2 kW
Nominal wind speed	11 m/s

DIMENSIONS

Hub height	10 m
Rotor diameter	4 m
Rotor area	12 m²

ENVIRONMENTAL CONDITIONS

Active wind range	3-25 m/s
Operational temperature	-25...+60°C

CONTROL

stall, tail furling, dump load controller

BLADES

reinforced fiber glass

ASSEMBLY

on-site with hand tools

YAW

passive yaw with tail

GENERATOR

ferrite magnet generator

INVERTER

solar inverter with power curve control

TOWER

several options

MAINTENANCE

maintenance free except for cable untwist

M / S	KW
5	0.51
6	0.77
7	1.05
8	1.45
9	1.70
10	2.01
11	2.20