

Adoption

s / Sales 02/11/2015



We generally try to organise the final installation of the turbines we build on courses to either happen as part of the course itself or shortly afterwards. Occasionally however we end up building turbines without a suitable installation site so we are always on the lookout for windy spots to adopt them!

Below is a list of parts and complete systems currently looking for homes. They are all available for the cost of materials since we've covered the cost of manufacture through the courses model.

Component Parts	Price	Details
1.2m set of blades	£65	Require oiling and fine balancing
3m set of blades	£130	Require assembly
1.8m metal mounting	£150	Un-painted
3.6m metal mounting	£200	Un-painted
3m stator 24V	£100	Vinyl ester resin brass bolt output
3 x magnet discs – N40, 12 pole	£130 each	10mm steel, polyester resin, epoxy painted.

Complete turbines / systems	Price	Details
2 x 1.8m 24V turbine	£400-600	Require painting, oiling and balancing
2.4m 48V turbine	£1400-1700	10m tower and rectifier
3m 24/48V turbine	£2000	9m tower with 45A tristar inverter, dumpload, rectifier, brakeswitch & 20m of SWA
3.6m 48V turbine & 15m tower	£2080-£2580	Grid tie electrical system available.

Turbine Technical Information

<u>Rotor Diameter</u>	1.2m	1.8m	2.4m	3m	3.6m	4.2m
<u>Rated output at 10m/s wind speed</u>	200W	350W	700W	800W	1000W	1000W
<u>Monthly energy production at 5m/s average</u>	23kWh	53kWh	93kWh	148kWh	210kWh	286kWh