

T10-REYAH

T10-REYAH Wind Turbine is something special for a small park. It's a best in class machine, designed by the same team that developed T-REYAH 500 wind turbine lead by the founder; Mahmoud Shattel. And it's a turning point for the small wind industry.

T10 has been engineered with robustness, high reliability and low maintenance in mind, and the only wearing parts are the rotor bearing, the yaw bearing and the anemometer. On top of that though, the T10 also has class leading performance to installed cost ratio – which means you'll be getting your money's worth and then some!

There is one version so far which considered Class II (as per IEC 61400-2) which has exceptional performance at high wind speeds and works also at lower wind speeds.



The T10 generator output is DC 320V for off grid application and DC 410V for grid connected application.

Two tower designs; 12m and 18m hydraulic lift tower is available for the T10 wind turbine, it will reduce the costs of installation and maintenance.



T10-REYAH Wind Turbine Specifications

Rated Power	10 kW
Maximum Output Power	13 kW
Generator	Direct-Drive Permanent Magnet Generator
Blade Quantity	3 Glass Fiber Blades
Rotor Blade Diameter	8 m (26.2 ft)
Start-up Wind Speed	2.5 m/s (5.6 mph)
Rated Wind Speed	10 m/s (22.3 mph)
Survival Wind Speed	59.5 m/s (133.1 mph)
Controller	PLC With Touch Screen
Safety System	Yaw Control, Electrical Brake & Hydraulic Brake
Turbine Weight	420 kg (925.9 lbs)
Noise	45 db(A) @ 5m/s
Temperature Range	-20°C to +50°C
Design Lifetime	20 Years
Warranty	Standard 5 Years

Notice: Due to the continuous upgrading of the wind turbines, the above mentions specifications are subjected to change without any notice.

