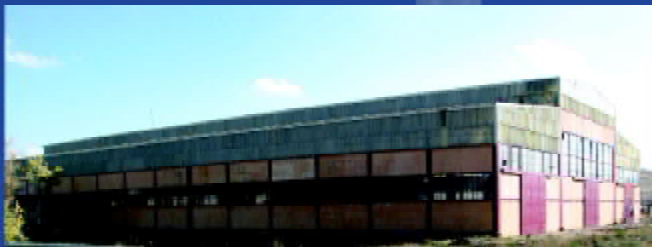


Head Office:

Tahran Caddesi No:30, 06700  
Kavaklıdere / Ankara / TURKEY  
Tel: +90.312.468 87 50  
Fax: +90.312.466 46 61



Factor  
Ankara-PolatlıYolu 55. Km. PK: 18  
Ankara / TURKEY  
Tel: +90.312.646 50 69  
Fax: +90.312.646 50 70  
e- mail: soytes@soyut.com.tr  
www.soyut.com.tr

WIND TURBINES  
ENGINEERING  
&  
CONSTRUCTION



**soytes**

CLEAN ENERGY  
ELECTRONICS & TRADING  
CO. INC.



The firm operates in the energy sector in its own factory. SOYTES is actively involved in electronics, electricity and clean energy sectors such as Solar and Wind Energy.

- \* Manufacturing of Solar Cell Panels
- \* Manufacturing of Wind Turbines and Wind Turbine Blades



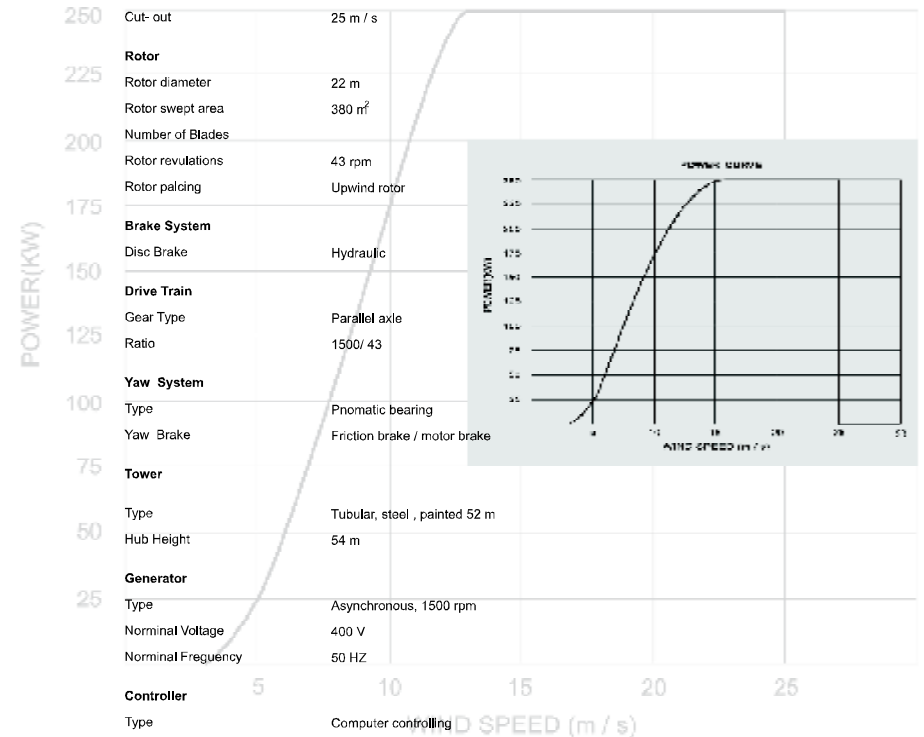
#### Soytes mainly works for

- \* The design of high and medium voltage switch-yards transformer substations of power, electrical, control and instrumentation systems of individual plants
- \* The supply and manufacture of high voltage cubicles, low voltage distribution panel boards, motor control centers, control and measuring panel boards
- \* The erection works of high voltage switch-yards and transformer substations, electrical and instrumentation systems of thermal and hydroelectric power plants, industrial plants
- \* Erection and line stringing of overhead transmission lines; installation of indoor and outdoor lighting systems etc.
- \* Turn-key Wind Energy projects, Wind Turbines and Wind Turbine Blades
- \* Turn-key Solar Energy systems and Solar Cell Panels



#### Operational parameters

Nominal output	250
Power regulation	Pitch control
Nominal Wind Speed	13 m / s
Cut- in	3,5 m / s
Cut- out	25 m / s



<b>Sensors</b>	
RPM Sensors	Rotor Generator ,yaw system
Temperature Sensors	Gear ,generator, controller
Thermal Sensors/warning	Main switch, engine protection
Vibration sensor	Rotor , nacelle
Meterology	Anemometer, wind vane, thermometer