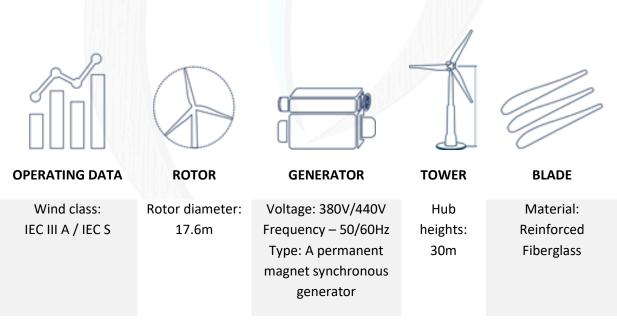


REYAH - H50







Technical Specifications

Model	Reyah 50	Generator and Magnet	Three phase permanent magnet ac synchronous generator- NdFeB
Rated power	50KW	Generator case	Carbon steel
Max power	55KW	Control system	Electromagnet/wind wheel
Rated Voltage	380V/440V	Speed regulation	Electronically controlled
Frequency	50Hz	Tower height (m)	Monopole Tower 30 m
Start-up wind speed	3 m/s	Rated Rotation Speed	60 rpm
Rated wind speed	10 m/s	Design Lifetime	20 Years
Survival wind speed	50 m/s	Number of blades	3 blades
Top net weight	3700 kg	Blades material	Reinforced composite fiberglass
Wheel diameter	17.6 m		

Wind Speed/Power Curve

