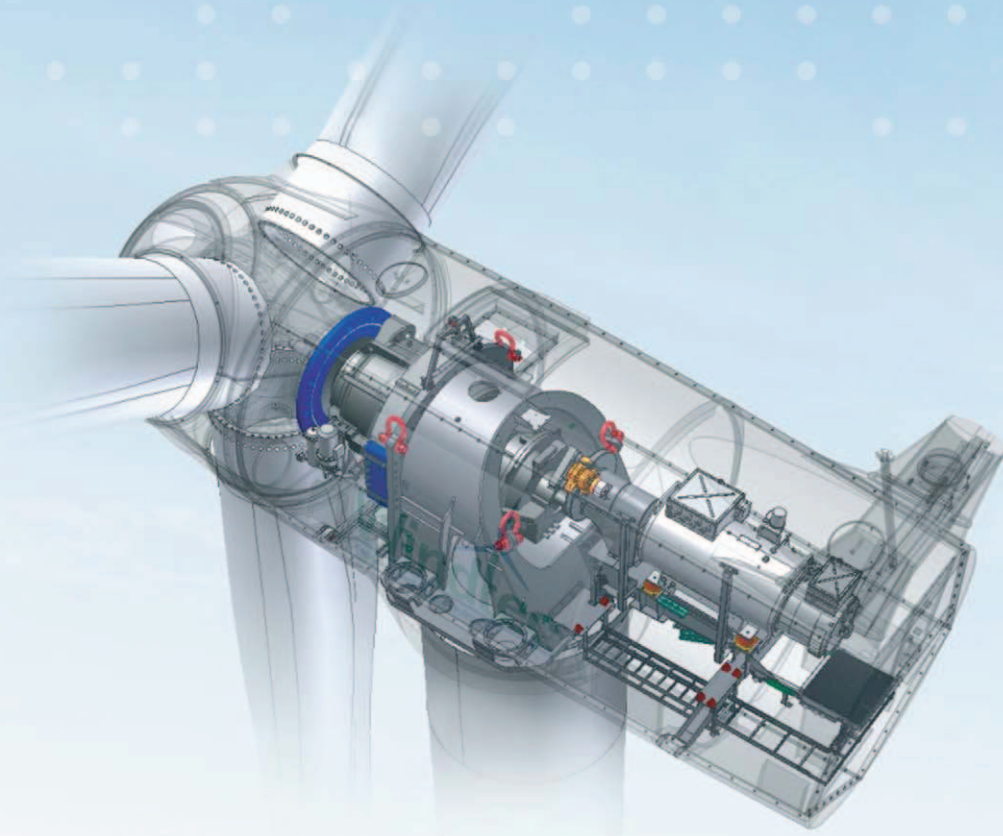
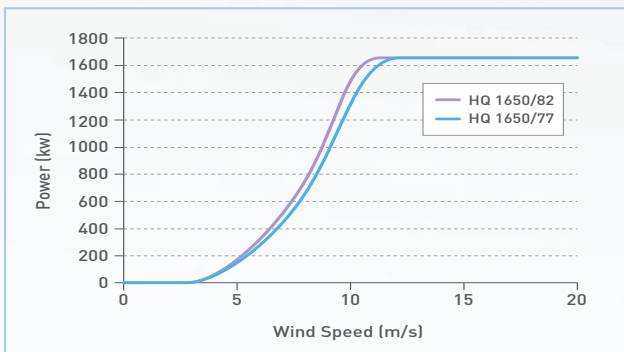


HQ1650 / 2000

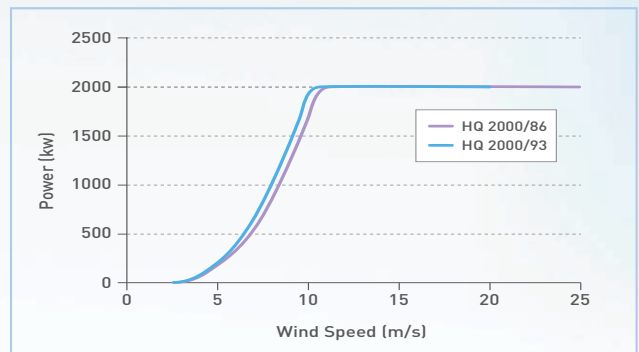


| HQ1650 Power Curve |



	HQ1650/77	HQ1650/82
Rated Power	1,650 kW	
Generator Type	Doubly Fed Induction Generator	
Wind Turbine Class	IIA	
Frequency	50/60 Hz	
Hub Height	70 / 80 m	80 m
Rotor Diameter	77 m	82 m
Rated Speed of Rotor	18.2 rpm	
Cut-in Wind Speed	3.5 m/s	
Rated Wind Speed	12.0 m/s	11.0 m/s
Cut-out Wind Speed	20.0 m/s	
Survival Wind Speed	59.5 m/s	

| HQ2000 Power Curve |



	HQ2000/86	HQ2000/93
Rated Power	2,000 kW	
Generator Type	Doubly Fed Induction Generator	
Wind Turbine Class	IIA	IIIB
Frequency	50/60 Hz	
Hub Height	80 m	
Rotor Diameter	86 m	93 m
Rated Speed of Rotor	16.7 rpm	15.7 rpm
Cut-in Wind Speed	3.5 m/s	3.0 m/s
Rated Wind Speed	11.0 m/s	10.5 m/s
Cut-out Wind Speed	25.0 m/s	20.0 m/s
Survival Wind Speed	59.5 m/s	52.5 m/s