

# MySE6.0MW Product Line

Model	Unit	MySE5.5-155	MySE7.25/7.0-158	MySE6.45-180	MySE8.3-180
General Data					
Rated power	kW	5500	7250/7000	6450	8300
Designed wind zone class		IEC IB	IEC IB	IEC S	IEC S
Cut-in wind speed	m/s	3	3	3	3
Rated wind speed	m/s	10.1 (static state)	11.1 (static state)	10.5 (static state)	11.3 (static state)
Cut-out wind speed	m/s	30 (3s Average)	30 (3s Average)	30 (3s Average)	30 (3s Average)
Designed lifetime	year	25	25	25	25
WTGS operating temperature	°C	-10~+40			
WTGS survival temperature	°C	-20~+50			
Adaptable environment		Offshore, Anti-typhoon			
Rotor System					
Rotor diameter	m	158	158	178	178
Swept area	m <sup>2</sup>	19607	19607	24884	24884
Generator					
Type of generator		Permanent Magnet Synchronous Generator			
Rated voltage	V	690	690	710	1140
Rated speed	rpm	278	278	250	230
Weight	ton	45	51	51	66
Dimensions	m	∅4.1425×2.195 max.	∅4.1425×2.683 max.	∅4.1425×2.683 max.	∅4.1425×3.276 max.
Cooling mode		Air-air cooling	Air-water cooling	Air-water cooling	Air-water cooling
Efficiency		0.98			
Converter					
Converter type		Full Power Converter			
Power Factor Adjustment Range		-0.95~+0.95			
Rated Frequency	Hz	50			
Rated output power	kW	5800	7400	6750	8750
Rated output voltage	V	690			1140
Efficiency		0.97			
Gearbox					
Type		Secondary planetary gearbox			
Speed ratio		1: 23.187			21.39
Weight	ton	Appr.68	Appr.76	Appr.76	Appr.86.7
Dimensions	m	∅4.663×1.988 max.	∅4.663×2.192 max.	∅4.663×2.192 max.	∅4.663×4.043 max.
Cooling mode		Oil cooling			
Efficiency		0.98			
Control system					
Type		PLC			
Lightning protection					
Lightning Protection Design Standard		According to IEC61400/24-2002 and IEC62305-2006 standards, conform to GL2003 certification standard			
Lightning protection		To meet the latest requirements of the power grid, Protection Level IP67			
Grounding resistance	Ω	≤4			

Foundation					
Foundation type		Jacket/Monopile/Pile cap			
WTGS Weight					
Blade	ton	36	36	31	31
Rotor	ton	201	201	184	184
Nacelle	ton	230	254	247	276
Dimensions					
Blade	m	76.6	76.6	86.5	86.5
Rotor	m	Φ158×6.534	Φ158×6.534	Φ178×8.481	Φ178×8.481
Rotor Hub	m	6.351×5.724×6.081	6.351×5.724×6.081	6.333×5.764×6.111	6.333×5.764×6.111
Nacelle	m	9.30×5.485×9.19	9.50×5.48×9.19	10.36×5.478×9.207	10.800×5.524×8.099