



	200/600 LV 2L S AC		500/1500 LV 2L S WC		600/1500 LV 2L S OFFSHORE	
	600 LV 2L S AC	1000 LV 2L S WC	1000 LV 2L S OFFSHORE	1500 LV 2L S WC	1500 LV 2L S OFFSHORE	
Power Wind Turbine						
Power	670 kVA	1,250 kVA	1,250 kVA	1,880 kVA	1,880 kVA	
Permanent Nominal Current [A]	565 A	1,050 A	1,050 A	1,575 A	1,575 A	
Efficiency	96.50%	96.5%	96.50%	97%	97%	
Electrical Data						
Nominal Voltage [V]	690 V ± 10%	690 V ± 10%	690 V ± 10%	690 V ± 10%	690 V ± 10%	
Grid Side Frequency [Hz]	50/60 Hz ± 5%	50/60 Hz ± 5%	50/60 Hz ± 5%	50/60 Hz ± 5%	50/60 Hz ± 5%	
Power Factor	±0.9	±0.9	±0.9	±0.9	±0.9	
Grid Filter						
THD (i)	typ. <2.5% (configurable)	typ. <2.5% (configurable)	typ. <2.5% (configurable)	typ. <2.5% (configurable)	typ. <2.5% (configurable)	
Generator Filter (dV/dt)						
dV/dt [V/s]	1 kV/μs	1 kV/μs	1 kV/μs	1 kV/μs	1 kV/μs	
Vpk Phase to Phase [V]	<1.8 kV	<1.8 kV	<1.8 kV	<1.8 kV	<1.8 kV	
Vpk Phase to Ground [V]	<1.8 kV	<1.8 kV	<1.8 kV	<1.8 kV	<1.8 kV	
LVRT						
System	Smart crowbar for DFM and chopper system for PMG	Smart crowbar for DFM and chopper system for PMG	Smart crowbar for DFM and chopper system for PMG	Smart crowbar for DFM and chopper system for PMG	Smart crowbar for DFM and chopper system for PMG	
Grid Code	Comply with the strictest grid codes in force	Comply with the strictest grid codes in force	Comply with the strictest grid codes in force	Comply with the strictest grid codes in force	Comply with the strictest grid codes in force	
Cooling						
Type	Air cooling	Water cooling	Water cooling	Water cooling	Water cooling	
Flow [l/min]	-	135 l/min	135 l/min	135 l/min	135 l/min	
ΔP (bar)	-	2.25 ± 0.25 bar	2.25 ± 0.25 bar	2.5 ± 0.25 bar	2.25 ± 0.25 bar	
Inlet Temperature [°C]	50°C	Total power up to 50°C Derating 2% up to 60°C	Total power up to 50°C Derating 2% up to 55°C	Total power up to 50°C Derating 2% up to 60°C	Total power up to 50°C Derating 2% up to 55°C	
Temperature range [°C]	-30°C / 50°C	-30°C / 50°C	-30°C / 50°C	-30°C / 50°C	-30°C / 50°C	
Mechanical						
Protection Degree (IP)	IP54 / IP23	IP54	IP55	IP54	IP55	
Corrosion Class	C4M	C4M	C5M	C4M	C5M	
Weight [kgf]	<1,400 kgf	<1,800 kgf	<1,800 kgf	<1,800 kgf	<1,800 kgf	
Overall Dimensions (WxHxD)	1,800x2,400x600 mm (per unit)	1,800x2,400x600 mm (per unit)	1,800x2,400x600 mm (per unit)	2,100x2,400x600 (per unit)	2,100x2,400x600 (per unit)	
Location	Tower Base / Nacelle	Tower Base / Nacelle	Tower Base / Nacelle	Tower Base / Nacelle	Tower Base / Nacelle	
Communication Protocol						
All industrial standards supported (Canopen-Profibus / Profinet-Interbus-DeviceNet)						