



**80/150**  
LV 2L S AC

**200/275**  
LV 2L P AC

	<b>150</b> LV 2L S AC	<b>275</b> LV 2L P AC
<b>Power Wind Turbine</b>		
Power	166 kVA	305 kVA
Permanent Nominal Current [A]	240 A	445 A
Efficiency	96.5%	96.5%
<b>Electrical Data</b>		
Nominal Voltage [V]	400 V ± 10%	400 V ± 10%
Grid Side Frequency [Hz]	50/60 Hz ± 5%	50/60 Hz ± 5%
Power Factor	±0.9	±0.9
<b>Grid Filter</b>		
THD (i)	typ. <2.5% (configurable)	typ. <2.5% (configurable)
<b>Generator Filter (dV/dt)</b>		
dV/dt [V/s]	1 kV/μs	1 kV/μs
Vpk Phase to Phase [V]	<1 kV	<1 kV
Vpk Phase to Ground [V]	<1 kV	<1 kV
<b>LVRT</b>		
Chopper Switch	Inside the cabinet	Inside the cabinet
Chopper Resistor	Inside/outside the cabinet	Inside/outside the cabinet
Grid Code	Comply with the strictest grid codes in force	Comply with the strictest grid codes in force
<b>Cooling</b>		
Type	Air cooling	Air cooling
Temperature range [°C]	-30°C / 45°C	-30°C / 45°C
<b>Mechanical</b>		
Protection Degree (IP)	IP54 / IP23	IP54 / IP23
Corrosion Class	C4M	C4M
Weight [kgf]	<700 kgf	<1,300 kgf
Overall Dimensions (WxHxD)	1,200x1,900x800 mm	1,800x1,900x800 mm
Location	Tower Base / Nacelle	Tower Base / Nacelle
<b>Communication Protocol</b>	All industrial standards supported (Canopen-Profibus / Profinet-Interbus-DeviceNet)	
<b>Options</b>	Optionally, with transformer or transformerless	