

## Specifications Siemens 1FV5168-8WSXX permanent magnet synchronous generator

Type	1FV5168-8WS24
Rated power (kW)	180 @ 3000 rpm
Rated torque (Nm)	700
Rated DC voltage (V)	650
Rated current ( $A_{rms}$ )	265
Max power (kW)	260 @ 650 V DC
Max torque (Nm)	950 @ 360 $A_{rms}$
Max motor speed (rpm)	4000
Weight (kg)	180
Dimensions LxWxH (mm)	590x300x300

On request, the generator can be equipped with a custom winding design (WSXX) to achieve the right power/torque characteristic for your application.

The above mentioned generator meets the following general specifications:

Cooling media	Water/glycol
Ambient temperature (°C)	-30...70
Degree of protection	IP65

On request, power/torque characteristics as well 2-D drawings for the generator are available.