

Wels, April 13th 2016

NOISE EMISSION FRONIUS SYMO

Fronius International GmbH

confirms the following acoustic parameters:

	Sound power	Sound pressure
Fronius Symo 3.0-3-S	58 dB(A) (ref. 1pW)	49,9 dB(A) (ref. 20µPa)
Fronius Symo 3.7-3-S	58 dB(A) (ref. 1pW)	49,9 dB(A) (ref. 20µPa)
Fronius Symo 4.5-3-S	58 dB(A) (ref. 1pW)	49,9 dB(A) (ref. 20µPa)
Fronius Symo 3.0-3-M	60 dB(A) (ref. 1pW)	52,6 dB(A) (ref. 20µPa)
Fronius Symo 3.7-3-M	60 dB(A) (ref. 1pW)	52,6 dB(A) (ref. 20µPa)
Fronius Symo 4.5-3-M	60 dB(A) (ref. 1pW)	52,6 dB(A) (ref. 20µPa)
Fronius Symo 5.0-3-M	60 dB(A) (ref. 1pW)	52,6 dB(A) (ref. 20µPa)
Fronius Symo 6.0-3-M	60 dB(A) (ref. 1pW)	52,6 dB(A) (ref. 20µPa)
Fronius Symo 7.0-3-M	60 dB(A) (ref. 1pW)	52,6 dB(A) (ref. 20µPa)
Fronius Symo 8.2-3-M	60 dB(A) (ref. 1pW)	52,6 dB(A) (ref. 20µPa)
Fronius Symo 10.0-3-M	65 dB(A) (ref. 1pW)	55,0 dB(A) (ref. 20µPa)
Fronius Symo 12.5-3-M	65 dB(A) (ref. 1pW)	55,0 dB(A) (ref. 20µPa)
Fronius Symo 15.0-3-M	65 dB(A) (ref. 1pW)	55,0 dB(A) (ref. 20µPa)
Fronius Symo 17.5-3-M	65 dB(A) (ref. 1pW)	55,0 dB(A) (ref. 20µPa)
Fronius Symo 20.0-3-M	65 dB(A) (ref. 1pW)	55,0 dB(A) (ref. 20µPa)

Acoustic measurements can deliver several parameters. The typically used one are sound power level and sound pressure level.

Sound power is the sum of noise emitted over the whole surface of the device.

Sound pressure is typically measured in 1m distance in front of the housing and represents the noise exposure at this position in an certain ambient.

Fronius International GmbH

Solar Energy Division
Froniusplatz 1
A-4600 Wels



DI Thomas Mühlberger
Head of Solution Management