

# GRS 12SW-4

● [loudspeakerdatabase.com/GRS/12SW-4](https://loudspeakerdatabase.com/GRS/12SW-4)

## Subwoofer



Size

12 "

RMS Power

120 W

SPL

88 dB

Frequency range

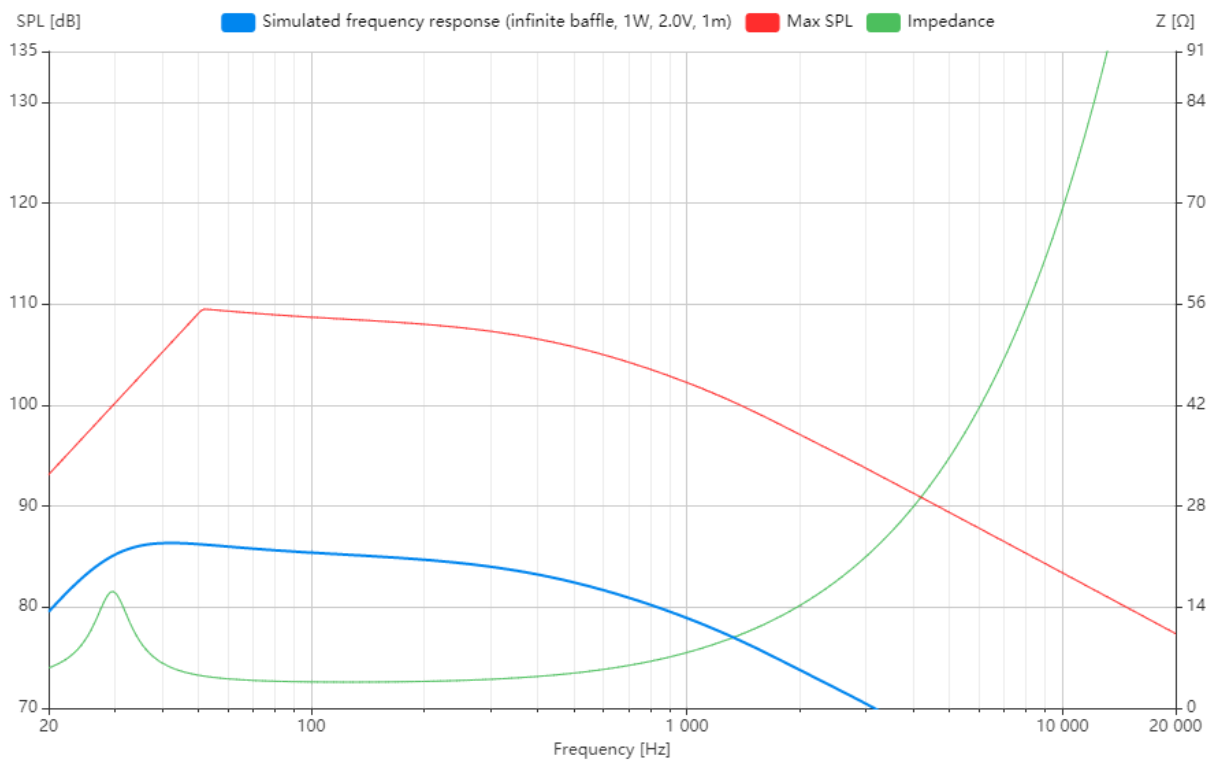
29 - 800 Hz

Impedance

4 Ω

Parts Express    GRS 12SW-4 12" Poly Cone Subwoofer 4 Ohm    \$ 24.98

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$f_s$

29.6 Hz

$Q_{TS}$

0.98

$V_{AS}$

90 L

$X_{max}$

± 8.5 mm

Resonant frequency                       $f_s$     29.6    Hz

Electrical Q	$Q_{ES}$	1.27	
Mechanical Q	$Q_{MS}$	4.51	
Total Q factor	$Q_{TS}$	0.98	
Suspension equivalent air volume	$V_{AS}$	90	litres
DC resistance	$R_E$	3.57	$\Omega$
Voice coil inductance	$L_E$	1.1	mH
Maximum linear excursion	$X_{max}$	$\pm 8.5$	mm
Efficiency	$\eta_0$	0.18	%
Efficiency bandwidth product	EBP	23	
Overall diameter	311.2	mm	
Baffle hole diameter	282.6	mm	
Mounting depth	146	mm	
Frame material	Steel		
Diaphragm material	Polypropylene		
Surround material	Rubber		
Voice coil diameter	50.8	mm	
Coil material	Copper		
Magnet	Ferrite		