

**SUB** energy **WOOFER**

**ES F20.5 600W**



**Technical Specifications**

Component	Subwoofer	
Size	mm (in.)	200 (8)
Power handling W	peak	600
	cont. program	200
Impedance	$\Omega$	4
Frequency response	Hz	32 ÷ 400
Sensitivity	dB/SPL	93
Magnet size D x d x h	mm (in.)	120 x 60 x 22 (4.7 x 2.4 x 0.9)
Total Driver Displacement	l (cu.in)	0,4 (24.4)
Voice Coil $\varnothing$	mm (in.)	38 (1.5)
Magnet	High density flux ferrite	
Cone	Water repellent pressed paper	
Weight of one component	kg (lb.)	2,4 (5.28)
*X-mech	mm (in.)	12 (0.47)

\*X-mech, maximum mechanical excursion: it indicates the motion range in the speaker linear functioning area, in both ways.

1. Ultra Flat design, for maximum installation flexibility.
2. Massive motor assembly, for perfect control under high power, high excursion conditions.
3. Water-repellent pressed paper cone.
4. Copper voice coil, wound on aluminium former, for startling thermal and mechanical capacity.
5. Air decompression system based on ducts under the dust-cap, for perfect symmetry under high excursion and enhanced thermal dissipation.
6. Wide-wave, resin-bonded fiber spider for mechanical reliability and consistent parameters.
7. High current, tin-plated terminals.
8. Silver plated lead wires for maximum reliability and conductivity.
9. Basket and motor coupled and damped through special epoxy glue.
10. High thermal dissipation and magnetic permeability plates, providing constant, even flux.

**Electro-Acoustic Parameters**

D	mm	166
Xmax	mm	5
Re	$\Omega$	2,9
Fs	Hz	52
Le	mH	1,05
Vas	l	13,2
Mms	g	49
Cms	mm/N	0,19
BL	T·m	10,6
Qts	-	0,4
Qes	-	0,46
Qms	-	3,38
Spl	dB	93

A	209 mm	8.22 in.
B	181 mm	7.12 in.
C	85 mm	3.34 in.
D	72 mm	2.83 in.

