

● *Woofer model: 13B28EHC21017*

This ultimate 6.5 inch woofer unit have been newly designed with customized Aluminum frame, 1.4 inch PESVCCA W voice coil, upgraded Mica pulp cone and Neodymium magnet motor system to provide great heavy bass sound quality with low distortions. This driver is the new benchmark for strong woofer taste audiences.

● *Transducer front and side images:*



● *Specifications:*

*T-S Parameters*

Resonance frequency [fs]	58 Hz
Mechanical Q factor [Qms]	3.69
Electrical Q factor [Qes]	1.27
Total Q factor [Qts]	0.945
Force factor [Bl]	4.4 Tm
Mechanical resistance [Rms]	1.848 kg/s
Moving mass [Mms]	18.75 g
Compliance [Cms]	0.4 mm/N
Effective diaph. diameter [D]	122.5 mm
Effective piston area [Sd]	117.86 cm <sup>2</sup>
Equivalent volume [Vas]	7.93 l
Sensitivity (2.83V/1m)	86 dB
Ratio Bl/√Re	2.32 N/√W
Ratio fs/Qts	61.37 Hz

*Electrical Data*

Nominal impedance [Zn]	4 Ω
Minimum impedance [Zmin]	3.7 Ω
Maximum impedance [Zo]	12 Ω
DC resistance [Re]	3.6 Ω
Voice coil inductance [Le]	0.211 mH

*Power Handling*

100h RMS noise test (IEC 18.4)	100 W
Long-term max power (IEC 18.2)	- W

*Voice Coil & Magnet Data*

Voice coil diameter	35.55 mm
Voice coil height	13.5 mm
Voice coil layers	2
Height of gap	4 mm
Linear excursion	± 4.75 mm
Max mech. excursion	± - mm
Unit weight	0.525 kg

● Frequency Response / Impedance Curve:



● Transducer front and side images:

