

Hypex Class D Amplifiers Selection Guide

Specifications	<u>NCx500</u> <u>mono block</u> (SMPS1200A700)	<u>Nilai 500</u> <u>mono block</u> (PS500DIY)	<u>Nilai 500</u> <u>stereo</u> (PS500DIY)	<u>UcD400</u> <u>HG stereo</u> (SMPS400A400)
Output Power: THD 1% @ 1KHz into 8Ω	380 W	260 W	260 W	200 W
Output Power: THD 1% @ 1KHz into 4Ω	700 W	525 W	300 W	200 W
Output Power: THD 1% @ 1KHz into 2Ω	700 W	500 W	300 W	
Distortion THD+ N 20 – 20.000 Hz Typical	0.0006% @ 350W / 4Ω	0.00015% @ 100W / 4Ω	0.00015% @ 100W / 4Ω	0.01% @ 100W / 4Ω
Signal to Noise	135 dB	140 dB	140 dB	105 dB
Gain	11.5 and 26.8	11.8 dB, 21.8 dB and 27.8 dB	11.8 dB, 21.8 dB and 27.8 dB	26 dB
Frequency response -3 dB	0-70 kHz	0-70 kHz	0-70 kHz	0-50 kHz
Idle power	17 W typical	14 W typical	21 W typical	28 W typical