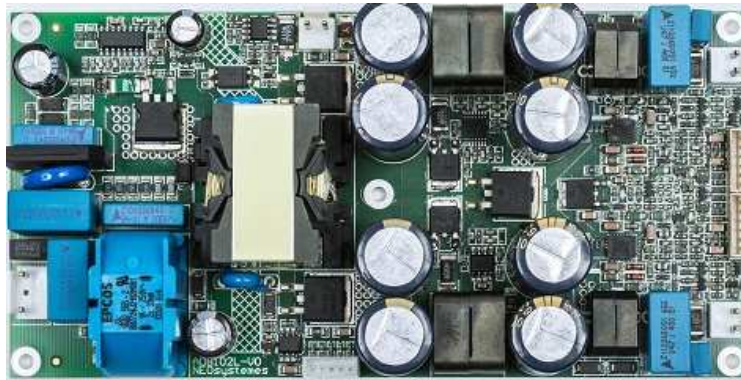


# ADB082L

2x80W AC or DC powered stereo amplifier with battery charger



## GENERAL DESCRIPTION

The **ADB082L**<sup>®</sup> digital power amplifier module is a complete solution with two high power audio channels and two switching supplies, AC or DC. In-board battery charger provides an all in one solution for transportable PA. The wide frequency modulations of the switching device enable an exceptional dynamic response, along with very high efficiency. All protections, over-current, over-temperature, over-voltage, under-voltage detection are included, ensuring high reliability.

## APPLICATIONS

Active Speakers  
Sound reinforcement  
Rack mounted amplifier system  
Professional audio system  
Public address system

## KEY FEATURES

Universal input	85 to 265Vrms
Battery 12V current charging	2,5A
Power Factor	>0,92
Power RMS / 4Ω	2x80 W
Power RMS / 8Ω	2x40 W
Bridge Power RMS / 8Ω	160W/8Ω
Frequency response (-3db)	6 Hz-45 kHz
THD+N (1KHz, 10w,8 Ω)	< 0,02%
Signal to noise ratio	102 dB
Total efficiency main powered	> 83%
Total efficiency battery powered	> 90%
Idle consumption	< 4,5 W
Fully protected	OTP,UVP,OVP, OCP,BCP
Operational temp	-10 to 50°C
Size(LxWxH)	160 x 80 x 35 mm
Weight	165g

## AUXILIARY FUNCTIONS

Enable command  
Protect output  
Clip detect output  
Battery low voltage output  
Battery charging output  
Main detect input

Designed and manufactured in France