



# DM-350W+65W PFC

Class-D Amplifier Module

## Features

- 350W + 65W RMS
- Class-D
- PFC (Power Factor Correction)

DM-350W+65W PFC is a 2 channel amplifier module of 350W + 65W /4Ω RMS. This module, used in some active speakers of the brand, is also available as component for other manufacturers. Based on Class-D architecture, the module uses a switched-mode power supply equipped with a PFC (Power Factor Correction) circuit improving the energy efficiency. Light, compact and very reliable, DM amplifiers feature thermal, short-circuit and overload output protection. The temperature can be controlled via a 12V DC output connected to a fan. Over voltage protection and DC offset shutdown are also available.

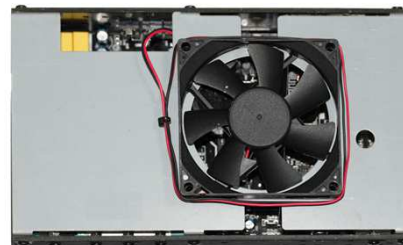


## Specifications

<b>MODEL</b>	<b>DM-350W+65W PFC</b>	
<b>General</b>	CH1	CLASS-D Amplifier
	CH2	CLASS-AB with TDA7294
<b>Power Requirements</b>	AC~110-240V +/-10% 50/60Hz / 4.0AH	
<b>Auxiliary Supply</b>	DC +/-15V @ 0.5A	
<b>Weight</b>	1.1 kg (2.43 lbs)	
<b>Dimension (W x D x H)</b>	216 x 126 x 70 mm (8.5" x 4.96" x 2.76")	
<b>Audio Section</b>	<b>Class-D Amplifier</b>	
	Slew rate (8Ω)	1.5V/μs
	S/N Ratio	>95dB/A
	Distortion	<0.05% (THD, DIM, SMPTE)
	Inputs	Unbalanced to ground
	Impedance	10k Ω
	Gain	26 - 32dB
	Output	Unbalanced to ground
<b>Power Specifications</b> (230Vrms or 120Vrms mains voltage, A-WTD, THD=1%)	4Ω Load	350W + 65W RMS
	8Ω Load	400W + 65W EIAJ
		180W + 30W RMS
		200W + 35W EIAJ
<b>Function</b>	Thermal protection (over-temperature power limited, thermal shutdown)	
	Short-circuit / overload output protection	
	Temperature controlled 12V DC fan output	
	Over voltage protection	
	DC offset shutdown	

Specifications subject to modification without notice

Integration in the back plate of an active speaker



DM module with the fan cover

SEIKAKU TECHNICAL GROUP LIMITED

NO.1 LANE 17, SEC.2, HAN SHI WEST ROAD, TAICHUNG 40151 TAIWAN

Tel: +886-4-22313737 Fax: +886-4-22346757 www.seikaku.hk