

# QX-280 Series Power Amplifiers

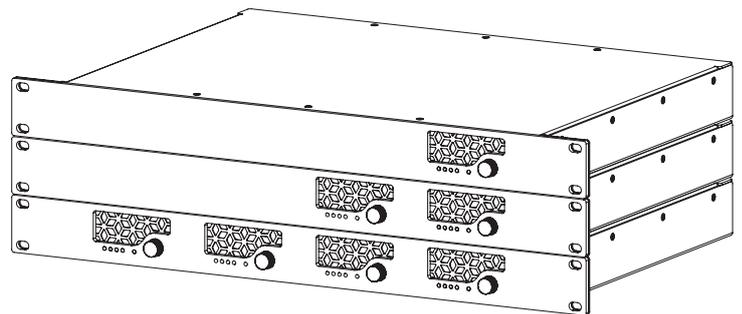
## Overview

The QX-280 Series Power Amplifiers are a high efficiency, Class-D, compact solution for both 70/100V Line and Low Impedance Systems.

Available in 1, 2 or 4 Channel variants, the QX-280 Series is suitable for many different applications.

## Features

- High Efficiency Class-D Amplifier(s)
- 70/100V or Low Impedance Operation
- Compact 1RU Chassis
- Available in 1, 2 or 4 Channel Models
- Auto-Sleep Function
- Selectable 80Hz High Pass Filter
- Thermally Controlled Fans
- Built-In Limiter Circuit



Made in Australia

## Technical Specifications

\*per channel

Peak Output Current	25A
THD+N (1kHz @ 1W / 1kHz ½ Rated Power)	0.022% / 0.015%
Dynamic Range	119dBA
Output Resistance (1kHz)	43.6mΩ
Peak Output Voltage (unloaded)	±140V
Power Output	4Ω 280W
	8Ω 245W
	70V 250W
	100V 240W
DC Offset	±7mV
Frequency Response	±0.1dB 20Hz - 20kHz (1st order 22kHz LPF)
Voltage Gain (@ 1kHz)	32dB

## Mechanical Specifications

Net Weight	QX1280 - 4.5kg	QX2280 - 4.9kg	QX4280 - 5.7kg
Gross Weight	QX1280 - 7.1kg	QX2280 - 7.5kg	QX4280 - 8.3kg
Dimensions (H x W x D)	44 x 485 x 304mm		
Input Connections	3-Way 5.08mm Captive Screw Connector		
Output Connections	2-Way 5.08mm Locking Captive Screw Connector		
Mains Power Connection	IEC C14		
Mains Input Voltage	85 - 265VAC		

\* All specifications were measured at 240VAC

\*\* Quest Engineering reserves the right to make changes in specifications, or products without prior notice.

\*\*\* The figures shown above are 'real world', usable specifications and are conservative as a result. Quest Engineering does not believe in portraying misleading or exaggerated specifications.