

# ZD-D314PA

## CLASS D POWER AMPLIFIER

## DUAL CHANNEL POWER AMPLIFIER



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DUAL CHANNEL (1400W X 2) POWER AMPLIFIER

**ZD-D314PA** 1400W Dual-Channel 100V Line Power Amplifier. The **ZD-D314PA** is a high-performance Class-D power amplifier designed to deliver exceptional power and efficiency. With a total output of 2800W, it features adaptive voltage regulation to prevent speaker overloading, ensuring safe and reliable operation in any environment.

**Compact and Lightweight Design:** Weighing just 7.5kg, it saves rack space and reduces installation size while maintaining high performance.

**Emergency Backup Compatibility:** Seamlessly integrates with the VA-300BP UPS to provide uninterrupted DC and AC power during outages, ideal for emergency broadcasts.

## Technical Specifications

### ZD-D314PA

Rated Output	1400 Watt x 2
Power Sources	180V AC - 260V AC @ 50/600Hz (Back Up Via VA-300BP)
AC Power Consumption (240 V AC)	9.5A
Frequency Response	60Hz-18Hz (+/- 1 dB)
Total Harmonic Distortion (THD)	≤ 0.1 %
Signal to Noise Ratio - S/N	≥ 80 dB
Output	Speaker Output In Screw Type Terminal Direct Line: 70V -100V line (Adaptive Voltage Regulation) Link Terminal: 10KΩ via XLR
Line Input Sensitivity	1v/10KΩ via XLR
Ventilation	Fan Cooling
Control	Master Volume Control X2
Protection	Intelligent Peak Limiter, Overload, Soft Start, Adaptive Voltage Regulation (Prevent Overload)
Working Temperature	-5°C - 80°C
Working Relative Humidity (Environment)	20% - 80% (Without Condensation)
Dimension	485MM (W) x 290MM (H) x 88MM (D)
Weight	7.5 kg
Packaging Size with Box	560MM (W) x 380MM (H) x 170MM (D)

