

• **DPA300S: 1x 300W 100v Power Amplifier 2U**

The new InterM DPA300S is a 300W, 100v Line Class D Power Amplifier for professional PA, AV and background music installations and rackbuilds.

Housed in a discreet and compact 2U casing, this 100v line, single-channel Power Amplifier offers both size and weight reduction benefits.

The DPA300S features Class-D amplification circuitry and a switch mode power supply to provide significant efficiency improvements (typically up to 90% efficient compared to an average of 40% efficiency in conventional amplification).

This compact, professional power amplifier is ideal for large scale PA systems where high power is required over a long speaker line (such as shopping malls, supermarkets, school, colleges, airports, warehouses, etc).

The Class D amplifier offers power efficiency in excess of 90% and ensures low power consumption and significantly reduced heat dissipation. Fully equipped with protection circuitry against short circuit, overload, power and DC output; Inter-M's DPA Series amplifiers offer less than 1% THD, an increased signal to noise ratio of 90dB and a wider frequency response from 19Hz ~ 18KHz.

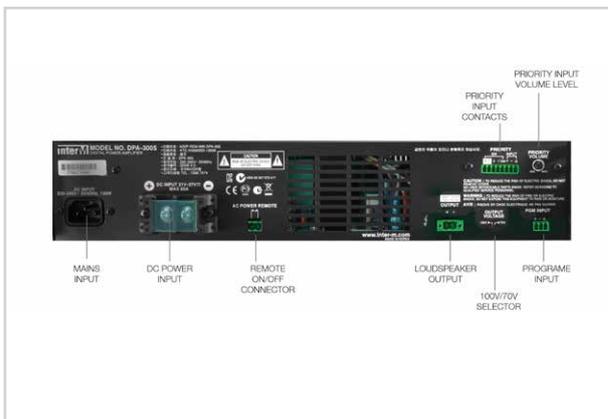
The DPA-300S also provides Dual Input capabilities, allowing a priority input signal to override the standard/normal input signal; an ideal feature to support emergency paging systems.

The new DPA Class-D Amplifier range is available in 1, 2, 3 and 4 channel versions, with power output options of 300W, 600W, 900W and 1200W per channel.

With reduced space capacity requirements, lower heat dissipation and significantly reduced power consumption, the InterM DPA 100v Power Amplifier range will now be specified into many of CIE-Group's in-house designed and built PA / BGM racks. For more information on CIE's Dedicated Rack Design & Build service, please contact our System Specification Team on T. 0115 9770075.

Features:

- Single channel, 300w output
- Class-D High-efficiency, high power amplifier
- 100v line
- Only 2U rack height
- AC and DC power operation
- Switch Mode power supply
- Priority Program Input
- Remote Power ON/OFF Control via control input



Specifications:

Model:	DPA300S
Rated Output Power	300W
Peak Power	480W
Output Voltage / Impedance	100v / 33.3 ohms, 70V / 16.3 ohms, 49V / 8 ohms
Input Sensitivity	1v / 10kohm
THD Max Output Power	Less than 0.1%
THD Rated Power	Less than 0.03%
S/N	More than 103dB
Frequency Response	50Hz ~ 20KHz
Operating Temperature	-10°C ~ +40°C
Operating Power	220-240v AC 50/60Hz, 24V DC
Power Consumption	130W
Dimensions	482(W) x 88(H) x 397(D) mm
Weight (Gross)	6.80kg