



- 250W 100V Line **QD2025**
- 500W 100V Line **QD2050**
- 750W 100V Line **QD2075**
- 1000W 100V Line **QD2100**

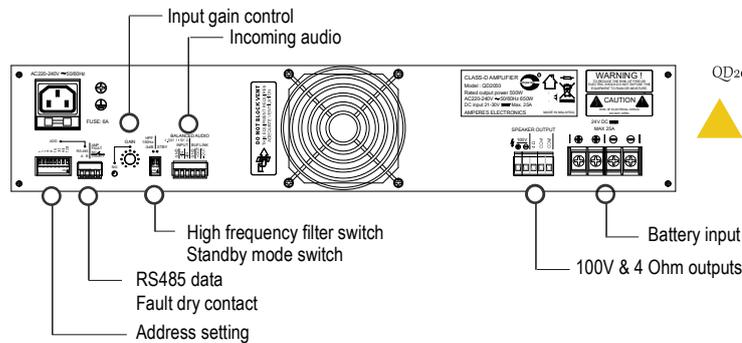


QD2000 Series are newly added models of high performance power packs to the range of 100V line output power amplifiers. It is born out of in-depth R and D to produce high efficiency with broad frequency response for reliable and robust applications in PA installations.

QD2000 Series distinguished itself from others of its class by incorporating Auto Fault Sensor (AFS) circuit and is equipped with RS485 data port for remote monitoring by Amperes PMX LAN.

Features

- High efficiency Class D power amplifier technology
- 100V and 4 Ohm outputs
- High pass filter for speaker protections
- Switchable standby input detection for low power consumption during DC back up
- Auto fault sensor (AFS) with dry contact
- Remote monitoring via RS485 data port, compatible with iPX5500 data comm box
- AC and DC operation for uninterrupted operation during power failure



QD2000 is built with various protections for durability - thermal, short circuit, overload and fuse.

Packing information

Carton size : 550 (L) x 465 (W) x 180 (H) mm
 Gross weight :
 QD2025, 2050 : 8.40 kg
 QD2075, 2100 : 8.60 kg
 1 unit per carton

Technical Specifications

	QD2025	QD2050	QD2075	QD2100
Operating voltage	220 - 240V AC : 50/60 Hz or 21-30V DC Back up supply			
Rated output (rms at 100V)	250W	500W	750W	1000W
Power consumption (240V AC)	350 VA (1.3 A)	650 VA (2.6 A)	1000 VA (3.9 A)	1300 VA (5.1 A)
Current consumption (24V DC)	15 A	25 A	40 A	50 A
DC back up standby current	1.2 A (With standby Off)			
Input sensitivity (100V out)	1V rms balanced input via phoenix connector (15 kOhm)			
Input link (buffered)	0 dB balanced line (10 kOhm)			
Input signal standby	Switchable auto detect / always ON			
Input HF filter	150 Hz @ -3dB slop via DIP switch			
Output	100V line / 4 Ohm			
4 Ohm output voltage	50V			
Frequency response	60 - 20 kHz (+/- 3dB, 1kHz)			
S/N ratio	> 68 dB			
THD + N	< 0.2 %			
Protections	Thermal, short circuit, overload, AC and DC fuses, Standby			
Cut off temperature	75 C			
Communications	RS485 ; 19.2 kbps			
Indicators	Signal, Temp, Fault, Power LEDs			
Fault relay	NO dry contact ; 3A			
Cooling system	Auto temp controlled fan			
Operating temperature	-10 to 45 C			
Storage temperature	-40 to 70 C			
Humidity	95%			
Dimensions (WxHxD) mm	482 x 88 x 340 mm			
Net weight (kg)	6.8	6.8	7.0	7.1

