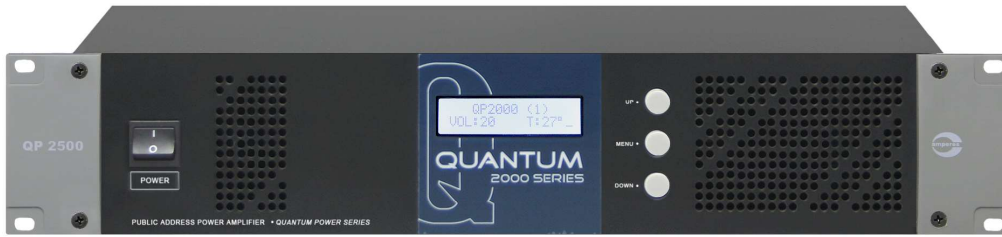


- 125W 100V **QP2125**
- 250W 100V **QP2250**
- 375W 100V **QP2375**
- 500W 100V **QP2500**



QP2000 Series are available with power ratings from 125W to 500W 100V, enhanced with various controls and protections for reliable performance. It is digitally controlled, enabling it to be monitored and controlled remotely via RS485. PMX LAN software can be incorporated in your PA system for remote setting and monitoring of QP amplifiers.

A distinctive feature would be its Auto Fault Sensor (AFS) and internally built Amplifier Fault Changeover relay (AFX). The amplifier shall monitor through self generated Pilot Tone, and if fault is detected, changeover to standby amplifier shall be initiated. This is to ensure smooth operation of your system. An innovative feature for cost saving and uninterrupted operation.

Features

- Available in 125 / 250 / 375 / 500W 100V line output in compact 2hu height
- In-rush current limiter
- Digital setting for various control features such as bass, treble, fan speed, etc
- Built-in Auto Fault Sensor and Changeover relay for standby fault changeover
- Overload, thermal cut off, short circuit and fuse protections
- Fan speed option ensures longer lifespan of the unit
- RS485 data port for remote monitoring
- AC and DC operation for uninterrupted operation during power failure

Packing information

Carton size : 550 (L) x 465 (W) x 180 (H) mm

Gross weight :

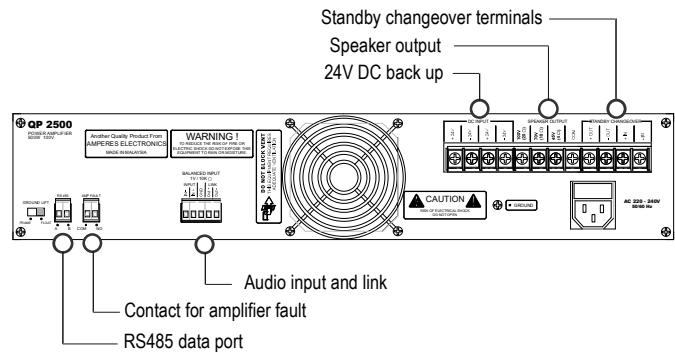
QP2125 : 13.50 kg

QP2250 : 14.60 kg

QP2375 : 18.00 kg

QP2500 : 19.90 kg

1 unit per carton



Technical Specifications

	QP2125	QP2250	QP2375	QP2500
Ratings (rms) 100V output	125 W	250 W	375 W	500 W
Operating voltage	220 ~ 240 V AC or 24 V DC back up supply			
Power consumption (240V ac)	294 VA (1.1 A)	447 VA (1.7 A)	749 VA (2.9 A)	873 VA (3.3 A)
Current consumption (24V DC)	5.9 A	10.6 A	16.7 A	19.6 A
Standby current (24V DC)	0.7 A			0.9 A
Input signal (sensitivity)	1V (+4 dBu) / 10 k Ohm via Phoenix connectors			
Input gain controls	-40 to +4 dBu			
Outputs	70 / 100V line and 4 Ohm			
4 Ohm output voltage	22.3 V	31.6 V	38.7 V	44.8 V
Output impedance (max load)	80 Ohm	40 Ohm	27 Ohm	20 Ohm
Frequency response	70 - 15 kHz @ 1 kHz +/- 3dB			
S/N ratio	> 70 dB @ 1 kHz, 1V			
THD + N	< 0.18 %			
Protections	Thermal, short circuit, overload, fuse, in-rush current			
Cut off temperature	75 deg C			
Cooling system	Auto temperature controlled cooling fan with auto ON			
Indications	LCD with temp, audio level and address			
Communication	RS485 ; 19.2 kbps			
Fault sensing	Internal Pilot Tone : 20 kHz, detection at 15 ~ 20 secs, 10 secs interval			
Fault detection response	Standby amplifier relay activation, fault dry contact			
Dimensions (WxHxD) mm	482 x 88 x 335			
Net weight (kg)	11.60	12.70	16.50	18.05

