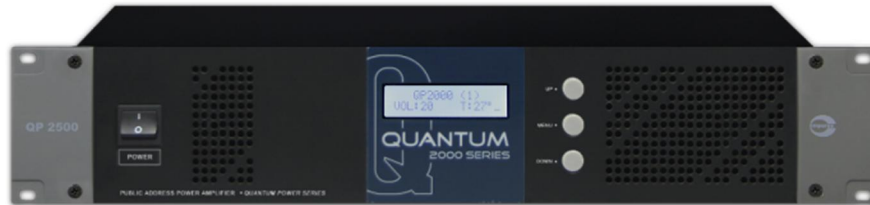


# AMPERES QP-2000 SERIES

## 125 ~ 500W PA POWER AMPLIFIER



**QP-2000** in compact 2U height, the new circuitry has been further enhanced, incorporating digital settings for tone preferences and other control features, higher efficiency, better frequency response and extra protection features. Another distinguished feature is it's built in AFS with Fault Changeover mechanism, thereby providing simpler interconnections for Automated Fault Changeover setup.



### FEATURES

- ✓ 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
- ✓ Fan speed option ensures longer lifespan of the unit
- ✓ Overload, thermal cut off, short circuit and fuse protections
- ✓ High efficiency for lower power consumption and lesser back up battery capacity

### TECHNICAL SPECIFICATIONS

MODEL	QP-2125	QP-2250	QP-2375	QP-2500
Power requirement	230 / 240V ac or 24V DC back up supply			
Power Consumption	290VA (1.0A)	440VA (1.8A)	580VA (2.4A)	720VA (3.0A)
Current Consumption 24VDC	8A	15A	20A	25A
Standby current @ 24V	0.30A	0.31A	0.32A	0.35A
Input signal	1V / 10 K Ohm; balanced via XLR female			
Input gain controls	-40 to 0 dB			
Rated output (RMS)	125W	250W	375W	500W
4 Ohm output voltage	22.3 V	31.6 V	38.7V	44.8 V
Output impedance	80 Ohm	40 Ohm	27 Ohm	20 Ohm
Frequency response	70Hz - 15 KHz @ 1 KHz +/-3 dB			
S/N ratio	>70 dB @ 1 KHz, 1V			
THD + N	<0.18%			
Protections	Thermal, Short circuit, Overload, Fuse			
Cut off temperature	75 Deg C			
Cooling system	Auto temperature controlled fan speed with auto on			
Indications	LCD with temp, audio level and address			
Communication	RS485, 19.2 kbps			
Fault sensing	Internal Pilot Tone, Detection at i5 to 25 secs at 10 secs intervals			
Fault detection response	Standby amplifier relay activation, fault dry contact			
Dimensions(WxHxD)	482 x 88 x 335 mm			
Net weight (kg)	12.3 Kg	13.5 Kg	16.5 Kg	18.8 Kg