

4O3A Signature Power Genius XL Technical Specification

PG XL is a 1500W HF linear amplifier. It is designed to work on the following frequency ranges:

ITU band	Band name	Frequencies (MHz)	
		Lower end	Upper end
6 - <u>MF</u>	160 meters	1.8 MHz	2.0 MHz
	80 meters	3.5	4.0
	40 meters	7.0	7.3
	30 meters	10.1	10.15
	20 meters	14	14.35
7 - <u>HF</u>	17 meters	18.068	18.168
	15 meters	21	21.45
	12 meters	24.89	24.99
	10 meters	28	29.7
	6 meters	50	54

PA Specifications

- RF Power Output:** 1500W (ICAS)
- Exciter Drive Level:** 50W
- Transistors:** NXP 1K50H x 2
- Exciter Inputs:** SO-239 x 2
- Antenna Outputs:** SO-239 x 2
- Antenna Impedance (w/o tuner):** 50 Ohm Unbalanced
- Cooling:** Thermostatically controlled fans

Mechanical

- Height:** 5" (13 cm)
- Width:** 13" (33 cm)
- Depth:** 17" (43 cm)
- Weight:** 33 lbs (15 kgs)
- Operating Temperature Range:** Up to 85 °C

Electrical

- Input Voltage:** 90 – 250VAC, 50/60 Hz
- Power Supply:** Main PSU 90 – 250V input, 50V 60A Output
PS2 24V 2.5A
AC/EMC filter built in

Front panel:



Back Panel:

