



Software  
Defined  
Radios

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# Power Genius XL™ Beautifully Simple

2000 Watt Solid  
State Software  
Defined Amplifier



## Plug and Play Power

Complete integration with FLEX-6000 Series

- Integrated meters and controls
- Automatic band switching
- Full ICAS duty cycle on all modes including RTTY & FT8
- Ultra Fast SWR Protection
- Compatible with any modern transceiver



## 2000 Watts from 2000 Miles Away

Just turn it on and operate from anywhere\*

- Fully integrates with FlexRadio's SmartLink remote
- All controls and meters, available anywhere
- Ethernet Connected

## Frustration Free Contesting

Dramatically reduce cost and complexity

- SO2R with one amp
- Plug and Play SO2R
- No complex cabling
- Minimum 60db port-to-port isolation



# Power Genius XL™ Specifications

### PA Specifications

- RF Power Output: 1500W (ICAS), 2000W Capable
- Exciter Drive Level: 50W Typical (US version)
- Transistors: MRF-1K50H x 2
- Exciter Inputs\*: SO-239 x 2
- Antenna Outputs: SO-239 x 2
- Antenna Impedance: 50 Ohm Unbalanced
- Cooling: Thermally Controlled Fans

### Mechanical

- Dimensions: 5"H x 13"W x 17"D
- 15cm x 35cm x 50cm
- Weight: 37.4 lbs (17Kg)
- Operating Temp: -25°C to +40°C

### Electrical

- Input Voltage\*\*: 90 - 250VAC, 50/60 Hz
- Power Supply: Modular Internal Switching
- Current: 20A Minimum for Full Power

### Connections

- Power (See Electrical)
- A and B Drive
- A and B Output
- A and B -60dBc Sample Port
- A and B PTT In
- A and B PTT Out
- A and B CAT
- A and B CIV
- A and B Band Data IN
- LAN connection



Compatible With Any Modern Transceiver

\* SO2R Configuration \*\* Maximum RF power output achieved using 220 VAC

\*SmartLink Remote Requires SmartSDR V2.x License. Requires internet connection. May be subject to country specific laws and regulations.