



Software
Defined
Radios

P: +1.512.535.4713
F: +1.512.233.5143

4616 W. Howard Lane, Ste. 1-150
Austin, TX 78728

flexradio.com
sales@flexradio.com

PowerGenius XL Beautifully Simple, 1.0 © 2018 FlexRadio all rights reserved. All features and specifications are subject to change without notice.
FlexRadio, SmartSDR, SmartLink and Power Genius XL are trademarks of FlexRadio Systems.



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



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

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