

**Precision Power International, Inc.**

25108 Marguerite Parkway  
Suite A-159  
Mission Viejo, CA 92692 USA

T 949 951 6784

F 949 916 6733

[sales@precisionpowerinternational.com](mailto:sales@precisionpowerinternational.com)

**Technical Specification** LPS-AA800THGA-PE  
Version 20100804

**Certified - Instrumentation Grade: Instrumentation Power Protection System (IPPS)**  
**"230/115" Vac 60 Hz output cUL / UL for a PerkinElmer AAnalyst 800 AA Spectrometer**

**Catalog Number:** LPS-AA800THGA-PE  
Version 20100804

(1) Catalog Number LPS-AA800THGA-PE supports the following system elements:

- |             |   |
|-------------|---|
|             | (1) Workstation (IBM, Lenovo, HP or Dell Computer & LCD Monitor)                                    |
| PerkinElmer | (1) AAnalyst 800 Spectrometer   |
| PerkinElmer | (1) Graphite Furnace Components:<br>HGA-850 Controller, AS-800 Autosampler, HGA/THGA Cooling System |
| PerkinElmer | (1) Flame Autosamplers (AS-90A/90 Plus or AS-93 Plus)   |
| PerkinElmer | (1) Flame Injection System:<br>FIAS-100/40), or FIMA-100/400, or Amalgam Attachment                 |

**Excludes: Laser Printer, Air Compressor & Heater N2O Regulator**

**PPI - Instrument Power Protection System (IPPS)**  
**Specifications: complete system protection**



(IPPS shown relative size)



**PerkinElmer AAnalyst 800 AA Spectrometer**  
Instrument photo courtesy of PerkinElmer, Inc.

**Design Installations:** North America and Countries Utilizing NEMA "208/240" Vac 60 Hz Input - 230/240 Vac 60 Hz Output  
Applications Utilizing NEMA and IEC 60309 Type (220 - 240 Vac 50/60 Hz) Output Connectors

**Harmonization Code:** 8504.90.4000

**Export License:** U.S. EAR (ECCN) EAR 99 - No License Required - NLR

**Certification:** IEC/IEEE 62040 Laboratory and Instrumentation Grade  
UL 1778, CSA 22.2-107, IEEE 62040-1, EN 62040-1-1, IEEE 62.41 CAT. A Lightning Safety

**Performance:** Regenerated Power Technology (RPT), Digital Signal Processing (DSP)  
True Sinewave Output, True Online, PWM Double Conversion (IGBT)  
> 20,000 Hours MTBF