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Specification Sheet **LPS-QUANTAEDX**
 Version 20091105

**Certified - Instrumentation Grade: "230/115" Vac 60 Hz output cUL
 Instrument Power Protection System (IPPS) for a FEI Quanta Family (200, 250, 400, 450, 600 & 650) SEM
 with an Oxford Instruments INCA 250 EDX analyzer**

Catalog Number: **LPS-QUANTAEDX**

(1) Catalog Number LPS-QUANTAEDX supports one (1) of the following FEI Quanta ESEM (200 or, 400 or, 600) family instrument elements

- Quanta Family (1) Microscope
- Quanta Family (2) Computers & Monitors
- Quanta Family (1) Electronics Console
- Quanta Family (1) EDS Controller
- Quanta Family (1) Microscope Controller
- Quanta Family (2) Vacuum Pumps
- Oxford Instruments (1) INCA 250 EDX Detector/Analyzer



**PPI - Instrumentation Power Protection System (IPPS)
 Specifications:**



(IPPS shown relative size)

FEI Company Quanta (200, 400, 600) Family - Environmental Scanning Electron Microscope (ESEM)
 Instrument photo courtesy of FEI Company

- Design Installations:** North America and Countries Utilizing NEMA Type Connectors (120/208 Vac 50/60 Hz)
- 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 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