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**Specification Sheet**      **LPS-QUANTA-FEI**  
Version                      20090818

**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**

**Catalog Number:**              **LPS-QUANTA-FEI**

(1) Catalog Number LPS-QUANTA-FEI supports one (1) of the following 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

**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