

A.1 Standards Compliance

A.1.1 Quality Assurance

Specification	Details
ISO 9001:2000	Quality Management

A.1.2 Design

Specification	Details
MIL-HDBK- 217F	Reliability prediction of electronic equipment (rating, de-rating, stress, etc.)
IPC-D-275 IPC-SM-782 IPC-CM-770 UL508c UL840	Printed wiring for electronic equipment (clearance, creepage, spacing, conductors sizing, etc.)
In compliance with IEC68	Type testing

A.1.3 Safety

Specification	Details
Recognized UL508c	Power conversion equipment
In compliance with UL840	Insulation coordination, including clearance and creepage distances of electrical equipment
In compliance with UL60950	Safety of information technology equipment, including electrical business equipment
In compliance with EN60204-1	Low voltage directive, 73/23/EEC

A.1.4 EMC

Specification	Details
In compliance with EN55011 Class A with EN61000-6-2: Immunity for industrial environment, according to: IEC61000-4-2 / criteria B	Electromagnetic compatibility (EMC)

IEC61000-4-3 / criteria A	
IEC61000-4-4 / criteria B	
IEC61000-4-5 / criteria B	
IEC61000-4-6 / criteria A	
IEC61000-4-8 / criteria A	
IEC61000-4-11 / criteria B/C	

A.1.5 Workmanship

Specification	Details
In compliance with IPC-A-610, level 2	Acceptability of electronic assemblies

A.1.6 PCB

Specification	Details
In compliance with IPC-A-600, level 2	Acceptability of printed circuit boards

A.1.7 Packing

Specification	Details
In compliance with EN100015	Protection of electrostatic sensitive devices