

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) |

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|------------------------------|--|
| 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 |