



2005
Annual Report

EPSMA Achievements in 2005

The European Power Supply Manufacturers Association (EPSMA) was formed in 1995 to represent the specialised needs of the power supply industry in Europe.

- The EPSMA had around 25 members in 2005 and attracted several new members following changes to membership criteria introduced on May 1st.
- In 2005 the EPSMA signed a formal agreement with the HDP User Group allowing all members access to the GPLF documents.
- The EPSMA completed a number of technical projects in 2005, many of which can be downloaded from the website.
- In addition to its own technical projects, the EPSMA is also currently co-operating with the PSMA and HDPUG to produce a BMPS Guidelines.
- The EPSMA's annual Student Placement Programme attracted a record number of applicants across many of Europe's universities.



EPSMA Technical Committee Overview

Founded in 2001, the EPSMA Technical Committee brings together the expertise of Europe's leading power supply designers.

The main aims of the TC are:

- To monitor new standards and technical industry events that may influence the design of power supplies, and alert the EPSMA Management Committee.
- To offer technical advice and guidance to the Management Committee.
- To undertake technical investigations and projects under instruction from the Management Committee.
- To act as the interface between the EPSMA and other organisations and industry bodies on technical issues.

Technical Committee Achievements in 2004/5

- Guidelines on Reliability Predictions
 - An extensive overview of reliability issues and MTBF calculations
 - Updated and Published on [website](#) July 2005

- CE Document
 - Updated and Published on [website](#) April 2005

- PFC Document
 - Updated and Published on [website](#) Dec 2004

- GPLF Specification
 - Established co-operation links with HDPUG & PSMA
 - GPLF Specifications now available to EPSMA members

Technical Committee Activities for 2005/6

- Universities Studies
 - Aims to provide an outline of power electronics research at key universities throughout Europe
- Safety Requirements for Power Supplies
 - Follow up from DC/DC report to cover general power supplies and industrial related applications
- MSL for SMT converters
 - Guidelines for moisture sensitivity levels for SMT converters set forth in J-STD-02C and J-STD-033A
- RoHS Guidelines
 - Decision tree guidelines for power supplies customers