



**2006
Annual Report**

Activities and achievements in 2005/6

Power Electronics Research University Study

- A study of higher education institutes throughout Europe identifying the top universities for power electronics
- Distributed to members October 2006

General safety requirements for power supplies

- Follow up from DC/DC report to cover general power supplies and industrial related applications
- First set of design notes to be published shortly

Energy Savings

- An update on the status of recent standby power loss and efficiency regulations of external power supplies and chargers
- Distributed to members October 2006

WEEE/RoHS decision trees

- Published on the website March 2006

Increased members marketing

- Added members press releases to EPSMA website

Introduced quarterly surveys

- Members opinions collated and press released

Greater involvement with suppliers to the industry

- New supplier members include STMicroelectronics and Fairchild

Forging stronger links with power electronics universities

- Free affiliate membership offered to the top 5 power electronic universities as identified in the recent EPSMA study

Ongoing and future projects in 2006/7

- **Harmonized Thermal Measurement**
- **Datasheets Parameters for Power Supplies and Power Modules**
- **Environmental Test Guidelines for Power Supplies and Power Modules e.g. temperature, vibration and shock**

Other Projects/Activities to be defined during the year

Management Committee

Artesyn	C&D Technologies
Delta	Efore
Ericsson	Puls
Siemens	TDK Lambda
Vicor	Voigt & Haeffner

Technical Committee

Chairman:

Lars Thorsell - PowerBrand Consulting

C&D Technologies	Cherokee
Delta	Efore
Ericsson	FRIWO
Siemens	TDK-Innoveta

Secretariat: IMS Research