



## CERTIFICATE FI 21400 A2

Our Ref. 234613-1  
 234613-1 Amendment 1  
 234613-1 Modification 1  
 234613-1 Amendment 2

**Product** Advanced charger  
**Type** PAC 1600, PAP 1600  
**Trade mark** PAC, PAP  
**Certificate Holder / Manufacturer** Powerfinn Oy  
 Perämiehenkatu 6  
 FI-24100 SALO, FINLAND

**Technical information** Input: 230 V AC, 9.0 A  
 Output: 24 V DC, 60 A  
 Class I

**Other information** -

**The product is certified according to the following standard(s)** EN 60335-2-29:2004  
 EN 60335-1:2002 + A11:2004 + A1: 2004 + A12:2006  
 EN 50366:2003 + A1:2006

**Validity** This certificate is valid until 31 December 2009 unless the standard in question has been amended or superseded with significant changes in requirements, in which case, SGS Fimko has the right to shorten the validity of the certificate based on the legislation of the European Union. This certificate includes the right to use the FI mark under the condition that changes (if any) will be checked at SGS Fimko before the product is brought onto market and that the conditions for FI certification are met.

**Directive information** The product(s) fulfils the essential safety requirements for CE conformity marking according to the Low Voltage Directive (2006/95/EC) at the date of issue of the certificate.

**Date of issue** 28 May 2008

**SGS Fimko Ltd**

**Signature**

  
 Osmo Väyrynen  
 Certification Manager



This certificate has 1 appendix



This certificate is issued by the company under its General Conditions for Certification Services accessible at [www.sgs.com/terms\\_and\\_conditions.htm](http://www.sgs.com/terms_and_conditions.htm). Attention is drawn to the limitations of liability defined therein and in the Test Report here above mentioned which findings are reflected in this certificate. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

SGS Fimko Ltd.

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Appendix to Certificate: 21400 A2

**Manufacturing site**

Powerfinn Oy  
Perämiehenkatu 6  
FI-24100 SALO, FINLAND

**Additional information**

This certificate replaces previous FI certificate No. 21400 M1, dated 15 February 2008. The certificate has been updated due to addition of alternative components.