



TEST REPORT

Energy Efficiency Regulations

Energy Efficiency of Single-Voltage External AC/DC and AC/AC Power Supplies

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Compiled by (+ signature):	C Mart C. Moc
Approved by (+ signature):	Kent Fang Cent 6
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Testing Laboratory:	i-Tek Electronics Corp.
Address:	16F., No.671, Bannan Rd., Zhonghe Dist., New Taipei City 235, Taiwan (R.O.C.)
Applicant's Name:	Phihong Technology Co., Ltd.
Address:	No. 568, Fuxing 3rd Rd., Guishan District, Taoyuan City 333 Taiwan
Test specification	
Standard:	NRCan: CSA-C381.1-17 to the Energy Efficiency Regulations for External Power Supplies in the Canada Gazette, Part II.
	U.S. CEC California Appliance Efficiency RegulationsCEC − 400 − 2014 − 009 − CMF, item (u) Power Supplies.
	 U.S. EPA ENERGY STAR Program Requirements for Single Voltage External AC – DC and AC – AC Power Supplies Appendix Z to 10 CFR part 430.
	 Australian and New Zealand MEPS (Minimum Energy Performance Standards) - AS/NZS 4665.1:2005 + A1:2009 - AS/NZS 4665.2:2005 + A1:2009
	EU Energy – related Products (ErP) directive COMMISSION REGULATON (EC) No 278/2009 – 6 April 2009 implementing Directive 2005 / 32 / EC (2009 /125 / EC, recast) of the European Parliament and of the Council with regard to eco design requirements for no – load condition electric power consumption and average active efficiency of external power supplies.
	EU Energy – COMMISSION REGULATION (EU) 2019/1782 of 1 October 2019 laying down ecodesign requirements for external power supplies pursuant to Directive 2009/125/EC of the European Parliament and of the Council and repealing Commission Regulation (EC) No 278/2009
	U.S. DOE 10 CFR Part 430 Final Rule, published on Feb. 10, 2014 (Level VI)
	☐ EU ErP directive, Working document on the review of regulation (EC) No 278/2009, published on Mar. 18, 2013 (Level VI)