

Deutsche Akkreditierungsstelle GmbH

Annex to the Accreditation Certificate D-PL-12059-01-01 according to DIN EN ISO/IEC 17025:2005

Period of validity: 2018-11-19 to 2023-11-18

Date of issue: 2018-11-18

Holder of certificate:

TÜV Rheinland Japan Ltd.
Global Technology Assessment Center
Yokohama Laboratories
4-25-2 Kita-Yamata, Tsuzuki-ku
Yokohama 224-0021, JAPAN

Tests in the fields:

Energy Star

Within the scopes of accreditation marked with an *, the laboratory is permitted, without being required to inform and obtain prior approval from DAkkS, to use standard test methods listed here with different issue dates or revision status updates.

Abbreviations used: see last page

Standard	Description
ENERGY STAR Test Method for Audio/Video, ENERGY STAR Program Requirements Product Specification for Audio/Video, Rev. July-2012	ENERGY STAR Program Requirements Product Specification for Audio/Video Version 3.0.
ENERGY STAR Test Method, ENERGY STAR Program Requirements for Battery Charging Systems, Rev. Aug-2010	ENERGY STAR Program Requirements Product Specification for Battery Charging Systems Version 1.1.
ENERGY STAR Test Method, ENERGY STAR Program Requirements for Telephony, Rev. Nov-2013	ENERGY STAR Product Specification for Telephony, Version 3.0.

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Standard	Description
ENERGY STAR Computer Test Method, ENERGY STAR Program Requirements Product Specification for Computers, Rev. Oct-2013	ENERGY STAR Program Requirements Product Specification for Computers, Version 6.0.
EPRI Generalized Internal Power Supply Efficiency Test Protocol	Generalized Test Protocol for Calculating the Energy Efficiency of Internal Ac-Dc and Dc-Dc Power Supplies, Revision 6.6.
IEC 62301:2011-01	Household electrical appliances – Measurement of standby power.
VESA FPDM Version 2.0	Flat Panel Display Measurements Standard. Limitation. Only the measurement conditions as required in the Energy Star Program Requirements for Displays.
IEC 62087:2011-04 EN 62087:2012-04 DIN EN 62087:2013-08	Methods of measurement for the power consumption of audio, video and related equipment.
ENERGY STAR Computer Test Method ENERGY STAR Program Requirements Product Specification for Computers Rev. Aug 2014	ENERGY STAR Program Requirements Product Specification for Computers <i>Version 6.1</i>
ENERGY STAR Test Method for Computer Servers, Rev. Apr- 2013 Standard Performance Evaluation Corporation (SPEC) Server Efficiency Rating Tool (SERT) Version 1.1.0	ENERGY STAR Program Requirements Product Specification for Computer Servers, Version 2.0.
ENERGY STAR Imaging Equipment Test Method, ENERGY STAR Program Requirements for Imaging Equipment, Rev. June 2013	ENERGY STAR Program Requirements Product Specification for Imaging Equipment, Version 2.0.

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Standard	Description
ENERGY STAR Test Method for Determining Display Energy Rev. Sep 2015 International Committee for Display Metrology (ICDM) Information Display Measurements Standard Version 1.03 CEA-2037-A: Determination of Television Set Power Consumption	ENERGY STAR Program Requirements Product Specification for Displays – Eligibility Criteria Version 7.1 Test items: All products Performance Displays Displays Claiming Full Network Connectivity
California Energy Commission Test Method for Calculating the Energy efficiency of Single-Voltage External Ac-Dc and Ac-Ac Power Supplies	Test Method for Calculating the Energy Efficiency of Single-Voltage External Ac-Dc and Ac-Ac Power Supplies August 11, 2004.
ENERGY STAR Data Center Storage Test Method, ENERGY STAR Program Requirements Product Specification for Data Center Storage Equipment, Rev. Aug 2013	ENERGY STAR Program Requirements Product Specification for Data Center Storage Version 1.0.
ENERGY STAR Test Method for Small Network Equipment, ENERGY STAR Program Requirements for Small network Equipment, Rev. Nov. 2013	ENERGY STAR Program Requirements Product Specification for Small network Equipment Version 1.0.
ENERGY STAR Test Method for Uninterruptible Power Supplies, ENERGY STAR Program Requirements for Uninterruptible Power Supplies, Rev. May-2012	ENERGY STAR Program Requirements Product Specification for Uninterruptible Power Supplies Version 1.0 (see enclosure 5.18). Limitation: Maximum electrical rated power: 50 kVA.
EN 50563:2011-10 + A1:2013 DIN EN 50563:2014-09 VDE 0806-563:2014-09	External a.c. - d.c. and a.c. - a.c. power supplies – Determination of no-load power and average efficiency of active modes.
EN 50564:2011-05 DIN EN 50564:2011-12 VDE 0705-2301	Electrical and electronic household and office equipment – Measurement of low power consumption.