Certificate of Compliance

Certificate: 70219458 **Master Contract:** 275029

Project: 70219458 **Date Issued:** 2019-11-21

Issued To: **Excelsys Technologies Ltd.**
27 Eastgate Business Park
Little Island, Cork, CK, 0000
Ireland

Attention: Diarmuid Hogan

The products listed below are eligible to bear the CSA Mark shown with adjacent indicators 'C' and 'US' for Canada and US or with adjacent indicator 'US' for US only or without either indicator for Canada only.

Issued by: *Oscar Enojado*
Oscar Enojado

C US

PRODUCTS

CLASS - C531111 - POWER SUPPLIES Component Type(CSA 60950-1-07-2nd Ed)
CLASS - C531191 - POWER SUPPLIES Component Type(UL 60950-1-2nd Ed)Certified to U.S.Stds

Switching Mode Power Supply, intended for use with Information Technology and Business Equipment, where the suitability of the combination is to be determined by CSA Group.

Models CX10S-uvwxyz-defgh (CoolX CoolPac with CoolMod), CX10S-000000-defgh (CoolX CoolPac without CoolMod), input rated 100-240Vac, 50-60Hz, 8A – 4.7A, Class I, no applied part; output rate 1000W maximum (see in General product information for details)

Notes:

1. See General product information for definitions of u, v, w, x, y, z, d, e, f, g, h.
2. The power supply was evaluated for use at an altitude of up to 5000 meters above sea level, and the

clearance requirement has been adjusted by a multiplying factor of 1.48 (linear interpolation was considered), based on IEC60664-1 requirement.

3. Suitable to be used in an operating ambient not exceeding 40°C at full load rating.
4. The Output circuits are SELV, 24Vdc (CmE), 48Vdc (CmF) output operates at hazardous energy levels (> 240 VA).
5. 5Vdc, 12Vdc, 24Vdc (CmC, CmG, CmH, CmP), 48Vdc (CmD, CmQ) output circuits are at non-hazardous energy levels.
6. The product was tested in a branch circuit protected by a 20A Listed circuit breaker per input. Additional evaluation shall be conducted if a higher protector is to be used in the end system
7. The end-product Electric Strength Test is to be based upon a maximum working voltage of: Primary - SELV: 312Vrms, 624Vpk, Primary - Earthed Dead Metal: 484Vrms, 658Vpk
8. Proper bonding to the end-product main protective earthing termination is required
9. Capacitor discharge shall be conducted in the end-application per clause 2.1.1.7, as applicable.
10. Touch Current and Protective Conductor Current shall be evaluated in end application, as applicable, per clause 5.1.
11. The following magnetic devices (e.g. transformers or inductor) are provided with an insulation system with the indicated rating greater than Class A (105°C): L6, Class F
12. The following end-product enclosures are required: Mechanical, Fire, Electrical
13. The equipment disconnect device is considered to be: Determined in the end product or appliance inlet
14. The power supply was evaluated as a component for use with other information technology equipment where the suitability of the combination is to be determined by CSA Group.

APPLICABLE REQUIREMENTS

CAN/CSA-C22.2 No 60950-1-07 Incl. AM1 (2011) and AM2 (2014)	-	Information Technology Equipment – Safety – Part 1: General Requirements
ANSI/UL Std No 60950-1, 2nd Ed. Incl. AM1 (2011) and AM2 (2014)	-	Information Technology Equipment – Safety – Part 1: General Requirements

Supplement to Certificate of Compliance

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The products listed, including the latest revision described below, are eligible to be marked in accordance with the referenced Certificate.

Product Certification History

Project	Date	Description
70219458	2019-11-21	C/US Certification.