



# Certificate of Compliance

**Certificate:** 1193030 (LR 60474-291)

**Master Contract:** 174688

**Project:** 2426827

**Date Issued:** 2011-05-23

**Issued to:** Cosel Co., Ltd.  
1-6-43 Kamiake-machi  
Toyama-shi, Toyama-ken 930-0816  
JAPAN  
**Attention:** Ms. Maki Igarashi

*The products listed below are eligible to bear the CSA Mark shown*



**Issued by:**

*Yuichi Shirakawa*  
Yuichi Shirakawa

## PRODUCTS

CLASS 5311 07 - POWER SUPPLIES - Component Type – For use in IT Equipment (CSA 60950-1-03)

<u>Model</u>	<u>Level</u>	<u>Input</u>		<u>Output</u>	
		<u>Vdc</u>	<u>A</u>	<u>Vdc</u>	<u>A</u>
ZUS6053R3	3	4.5 - 9	1.2 (DC5V)	3.3	1.0
ZUS60505	3	"	1.7 "	5	1.0
ZUS60512	3	"	2.0 "	12	0.5
ZUS60515	3	"	" "	15	0.4
ZUS61205	3	9 - 18	1.0 (DC12V)	5	1.2
ZUS61212	3	"	" "	12	0.5
ZUS61215	3	"	" "	15	0.4
ZUS62405	3	18 - 36	0.5 (DC24V)	5	1.2
ZUS62412	3	"	" "	12	0.5
ZUS62415	3	"	" "	15	0.4
ZUS6483R3	3	36 - 60	0.2 (DC48V)	3.3	1.2
ZUS64805	3	"	0.3 "	5	1.2
ZUS64812	3	"	" "	12	0.5
ZUS64815	3	"	" "	15	0.4

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CSA INTERNATIONAL

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ZUW60512	3	4.5 -9	2.0 (DC5V)	± 12(+24)	250mA
ZUW60515	3	"	" "	± 15(+30)	200mA
ZUW61212	3	9 -18	1.0 (DC12V)	± 12(+24)	250mA
ZUW61215	3	"	" "	± 15(+30)	200mA
ZUW62412	3	18 -36	0.5 (DC24V)	± 12(+24)	250mA
ZUW62415	3	"	" "	± 15(+30)	200mA
ZUW64812	3	36 - 60	0.3 (DC48V)	± 12(+24)	250mA
ZUW64815	3	"	" "	± 15(+30)	200mA

## Notes:

(a) Component type power supplies for use with Information Technology and Electrical Business Equipment where the suitability of the combination is determined by the CSA International.

(b) Evaluation for Resistance to Abnormal Heat (Ball Pressure) Test, Earth Continuity Test and Limited Short-circuit Test shall be performed in the end equipment.

**APPLICABLE REQUIREMENTS**

- CAN/CSA-C22.2 No 0-M91 - General Requirements - Canadian Electrical Code, Part II
- CAN/CSA-C22.2 No 0.4-04 - Bonding of Electrical Equipment
- CAN/CSA - C22.2 No. 60950-1-03 - Information Technology Equipment – safety – Part 1: General Requirement