

CERTIFICATE OF COMPLIANCE

Certificate Number UL-US-2155316-1
Report Reference E132067-20110825
Date 11-May-2022

Issued to: COSEL CO LTD
 1-6-43 KAMIAKAE-MACHI TOYAMA-SHI, TOYAMA 930-0816
 Japan

This is to certify that representative samples of QQJQ2 - Power Supplies for Use with Audio/Video, Information and Communication Technology Equipment - Component
 See Addendum Page for Product Designation(s).

Have been investigated by UL in accordance with the component requirements in the Standard(s) indicated on this Certificate. UL Recognized components are incomplete in certain constructional features or restricted in performance capabilities and are intended for installation in complete equipment submitted for investigation to UL LLC.

Standard(s) for Safety: UL 62368-1, 3rd Ed., Issue Date: 2019-12-13

Additional Information: See the UL Online Certifications Directory at <https://iq.ulprospector.com> for additional information

This *Certificate of Compliance* does not provide authorization to apply the UL Recognized Component Mark. Only the UL Follow-Up Services Procedure provides authorization to apply the UL Mark.

Only those products bearing the UL Recognized Component Mark should be considered as being UL Certified and covered under UL's Follow-Up Services.

Look for the UL Recognized Component Mark on the product.

B. Mahlen

Bruce Mahrenholz, Director North American Certification Program

UL LLC



Any information and documentation involving UL Mark services are provided on behalf of UL LLC (UL) or any authorized licensee of UL. For questions, please contact a local UL Customer Service Representative at <http://ul.com/aboutul/locations/>

CERTIFICATE OF COMPLIANCE

Certificate Number UL-US-2155316-1
Report Reference E132067-20110825
Date 11-May-2022

This is to certify that representative samples of the product as specified on this certificate were tested according to the current UL requirements

Model	Category Description
PJA600F-12-y, y = any combination of C, G, R, U, V, W, F2, F4, T3 or blank. Complementary Recognized to QGGQ2/8	Power Supplies for AV, ITE, and AVICT Equipment
PJA600F-15-y, y = any combination of C, G, R, U, V, W, F2, F4, T3 or blank. Complementary Recognized to QGGQ2/8	Power Supplies for AV, ITE, and AVICT Equipment
PJA600F-24-y, y = any combination of C, G, R, U, V, W, F2, F4, T3 or blank. Complementary Recognized to QGGQ2/8	Power Supplies for AV, ITE, and AVICT Equipment
PJA600F-36-y, y = any combination of C, G, R, U, V, W, F2, F4, T3 or blank. Complementary Recognized to QGGQ2/8	Power Supplies for AV, ITE, and AVICT Equipment
PJA600F-48-C-XPFS, Complementary Recognized to QGGQ2/8	Power Supplies for AV, ITE, and AVICT Equipment
PJA600F-48-y, y = any combination of C, G, R, U, V, W, F2, F4, T3 or blank. Complementary Recognized to QGGQ2/8	Power Supplies for AV, ITE, and AVICT Equipment
PJA600F-5-y, y = any combination of C, G, R, U, V, W, F2, F4, T3 or blank. Complementary Recognized to QGGQ2/8	Power Supplies for AV, ITE, and AVICT Equipment
PLA600F-12-y, y = any combination of C, G, R, U, V, W, F2, F4, T2 or blank. Complementary Recognized to QGGQ2/8	Power Supplies for AV, ITE, and AVICT Equipment
PLA600F-15-y, y = any combination of C, G, R, U, V, W, F2, F4, T2 or blank. Complementary Recognized to QGGQ2/8	Power Supplies for AV, ITE, and AVICT Equipment
PLA600F-24-C-XPFS, Complementary Recognized to QGGQ2/8	Power Supplies for AV, ITE, and AVICT Equipment
PLA600F-24-XPFS, Complementary Recognized to QGGQ2/8	Power Supplies for AV, ITE, and AVICT Equipment
PLA600F-24-y, y = any combination of C, G, R, U, V, W, F2, F4, T2 or blank. Complementary Recognized to QGGQ2/8	Power Supplies for AV, ITE, and AVICT Equipment
PLA600F-36-y, y = any combination of C, G, R, U, V, W, F2, F4, T2 or blank. Complementary Recognized to QGGQ2/8	Power Supplies for AV, ITE, and AVICT Equipment
PLA600F-3R3-y, y = any combination of C, G, R, U, V, W, F2, F4, T2 or blank. Complementary Recognized to QGGQ2/8	Power Supplies for AV, ITE, and AVICT Equipment

B. Mahrenholz

Bruce Mahrenholz, Director North American Certification Program

UL LLC

Any information and documentation involving UL Mark services are provided on behalf of UL LLC (UL) or any authorized licensee of UL. For questions, please contact a local UL Customer Service Representative at <http://ul.com/aboutul/locations/>



CERTIFICATE OF COMPLIANCE

Certificate Number UL-US-2155316-1
Report Reference E132067-20110825
Date 11-May-2022

PLA600F-42-y, y = any combination of C, G, R, U, V, W, F2, F4, T2 or blank. Complementary Recognized to QGGQ2/8	Power Supplies for AV, ITE, and AVICT Equipment
PLA600F-48-XPEOA, Complementary Recognized to QGGQ2/8	Power Supplies for AV, ITE, and AVICT Equipment
PLA600F-48-y, y = any combination of C, G, R, U, V, W, F2, F4, T2 or blank. Complementary Recognized to QGGQ2/8	Power Supplies for AV, ITE, and AVICT Equipment
PLA600F-5-y, y = any combination of C, G, R, U, V, W, F2, F4, T2 or blank. Complementary Recognized to QGGQ2/8	Power Supplies for AV, ITE, and AVICT Equipment

B. Mahrenholz

Bruce Mahrenholz, Director North American Certification Program

UL LLC



Any information and documentation involving UL Mark services are provided on behalf of UL LLC (UL) or any authorized licensee of UL. For questions, please contact a local UL Customer Service Representative at <http://ul.com/aboutul/locations/>

CERTIFICATE OF COMPLIANCE

Certificate Number UL-CA-2146555-1
Report Reference E132067-20110825
Date 11-May-2022

Issued to: COSEL CO LTD
 1-6-43 KAMIAKAE-MACHI TOYAMA-SHI, TOYAMA 930-0816
 Japan

This is to certify that representative samples of QQJQ8 - Power Supplies for Use with Audio/Video, Information and Communication Technology Equipment
 Certified for Canada - Component
 See Addendum Page for Product Designation(s).

Have been investigated by UL in accordance with the component requirements in the Standard(s) indicated on this Certificate. UL Recognized components are incomplete in certain constructional features or restricted in performance capabilities and are intended for installation in complete equipment submitted for investigation to UL LLC.

Standard(s) for Safety: CSA C22.2 NO. 62368-1, 3rd Ed., Issue Date: 2019-12-13

Additional Information: See the UL Online Certifications Directory at <https://iq.ulprospector.com> for additional information

This *Certificate of Compliance* does not provide authorization to apply the UL Recognized Component Mark. Only the UL Follow-Up Services Procedure provides authorization to apply the UL Mark.

Only those products bearing the UL Recognized Component Mark should be considered as being UL Certified and covered under UL's Follow-Up Services.

Look for the UL Recognized Component Mark on the product.

B. Mahlen

Bruce Mahrenholz, Director North American Certification Program

UL LLC

Any information and documentation involving UL Mark services are provided on behalf of UL LLC (UL) or any authorized licensee of UL. For questions, please contact a local UL Customer Service Representative at <http://ul.com/aboutul/locations/>



CERTIFICATE OF COMPLIANCE

Certificate Number UL-CA-2146555-1
Report Reference E132067-20110825
Date 11-May-2022

This is to certify that representative samples of the product as specified on this certificate were tested according to the current UL requirements

Model	Category Description
PJA600F-12-y, y = any combination of C, G, R, U, V, W, F2, F4, T3 or blank. Complementary Recognized to QGGQ2/8	Power Supplies for AV, ITE, and AVICT Equipment
PJA600F-15-y, y = any combination of C, G, R, U, V, W, F2, F4, T3 or blank. Complementary Recognized to QGGQ2/8	Power Supplies for AV, ITE, and AVICT Equipment
PJA600F-24-y, y = any combination of C, G, R, U, V, W, F2, F4, T3 or blank. Complementary Recognized to QGGQ2/8	Power Supplies for AV, ITE, and AVICT Equipment
PJA600F-36-y, y = any combination of C, G, R, U, V, W, F2, F4, T3 or blank. Complementary Recognized to QGGQ2/8	Power Supplies for AV, ITE, and AVICT Equipment
PJA600F-48-C-XPFS, Complementary Recognized to QGGQ2/8	Power Supplies for AV, ITE, and AVICT Equipment
PJA600F-48-y, y = any combination of C, G, R, U, V, W, F2, F4, T3 or blank. Complementary Recognized to QGGQ2/8	Power Supplies for AV, ITE, and AVICT Equipment
PJA600F-5-y, y = any combination of C, G, R, U, V, W, F2, F4, T3 or blank. Complementary Recognized to QGGQ2/8	Power Supplies for AV, ITE, and AVICT Equipment
PLA600F-12-y, y = any combination of C, G, R, U, V, W, F2, F4, T2 or blank. Complementary Recognized to QGGQ2/8	Power Supplies for AV, ITE, and AVICT Equipment
PLA600F-15-y, y = any combination of C, G, R, U, V, W, F2, F4, T2 or blank. Complementary Recognized to QGGQ2/8	Power Supplies for AV, ITE, and AVICT Equipment
PLA600F-24-C-XPFS, Complementary Recognized to QGGQ2/8	Power Supplies for AV, ITE, and AVICT Equipment
PLA600F-24-XPFS, Complementary Recognized to QGGQ2/8	Power Supplies for AV, ITE, and AVICT Equipment
PLA600F-24-y, y = any combination of C, G, R, U, V, W, F2, F4, T2 or blank. Complementary Recognized to QGGQ2/8	Power Supplies for AV, ITE, and AVICT Equipment
PLA600F-36-y, y = any combination of C, G, R, U, V, W, F2, F4, T2 or blank. Complementary Recognized to QGGQ2/8	Power Supplies for AV, ITE, and AVICT Equipment
PLA600F-3R3-y, y = any combination of C, G, R, U, V, W, F2, F4, T2 or blank. Complementary Recognized to QGGQ2/8	Power Supplies for AV, ITE, and AVICT Equipment

B. Mahrenholz

Bruce Mahrenholz, Director North American Certification Program

UL LLC

Any information and documentation involving UL Mark services are provided on behalf of UL LLC (UL) or any authorized licensee of UL. For questions, please contact a local UL Customer Service Representative at <http://ul.com/aboutul/locations/>



CERTIFICATE OF COMPLIANCE

Certificate Number UL-CA-2146555-1
Report Reference E132067-20110825
Date 11-May-2022

PLA600F-42-y, y = any combination of C, G, R, U, V, W, F2, F4, T2 or blank. Complementary Recognized to QGGQ2/8	Power Supplies for AV, ITE, and AVICT Equipment
PLA600F-48-XPEOA, Complementary Recognized to QGGQ2/8	Power Supplies for AV, ITE, and AVICT Equipment
PLA600F-48-y, y = any combination of C, G, R, U, V, W, F2, F4, T2 or blank. Complementary Recognized to QGGQ2/8	Power Supplies for AV, ITE, and AVICT Equipment
PLA600F-5-y, y = any combination of C, G, R, U, V, W, F2, F4, T2 or blank. Complementary Recognized to QGGQ2/8	Power Supplies for AV, ITE, and AVICT Equipment

B. Mahrenholz

Bruce Mahrenholz, Director North American Certification Program

UL LLC



Any information and documentation involving UL Mark services are provided on behalf of UL LLC (UL) or any authorized licensee of UL. For questions, please contact a local UL Customer Service Representative at <http://ul.com/aboutul/locations/>

CERTIFICATE OF COMPLIANCE

Certificate Number UL-US-L132067-14X12A62-52801102-1
Report Reference E132067-20110825
Date 11-May-2022

Issued to: COSEL CO LTD
 1-6-43 KAMIAKAE-MACHI TOYAMA-SHI, TOYAMA 930-0816
 Japan

This is to certify that representative samples of QQGQ2 - Power Supplies, Information Technology Equipment Including Electrical Business Equipment - Component
 See Addendum Page for Product Designation(s).

Have been investigated by UL in accordance with the component requirements in the Standard(s) indicated on this Certificate. UL Recognized components are incomplete in certain constructional features or restricted in performance capabilities and are intended for installation in complete equipment submitted for investigation to UL LLC.

Standard(s) for Safety: UL 60950-1

Additional Information: See the UL Online Certifications Directory at <https://iq.ulprospector.com> for additional information

This *Certificate of Compliance* does not provide authorization to apply the UL Recognized Component Mark. Only the UL Follow-Up Services Procedure provides authorization to apply the UL Mark.

Only those products bearing the UL Recognized Component Mark should be considered as being UL Certified and covered under UL's Follow-Up Services.

Look for the UL Recognized Component Mark on the product.

B. Mahlen

Bruce Mahrenholz, Director North American Certification Program

UL LLC

Any information and documentation involving UL Mark services are provided on behalf of UL LLC (UL) or any authorized licensee of UL. For questions, please contact a local UL Customer Service Representative at <http://ul.com/aboutul/locations/>



CERTIFICATE OF COMPLIANCE

Certificate Number UL-US-L132067-14X12A62-52801102-1
Report Reference E132067-20110825
Date 11-May-2022

This is to certify that representative samples of the product as specified on this certificate were tested according to the current UL requirements

Model	Category Description
PJA600F-12-y, y = any combination of C, G, R, U, V, W, F2, F4, T3 or blank. Complementary Recognized to QQJQ2/8	Power Supplies for AV, ITE, and AVICT Equipment
PJA600F-15-y, y = any combination of C, G, R, U, V, W, F2, F4, T3 or blank. Complementary Recognized to QQJQ2/8	Power Supplies for AV, ITE, and AVICT Equipment
PJA600F-24-y, y = any combination of C, G, R, U, V, W, F2, F4, T3 or blank. Complementary Recognized to QQJQ2/8	Power Supplies for AV, ITE, and AVICT Equipment
PJA600F-36-y, y = any combination of C, G, R, U, V, W, F2, F4, T3 or blank. Complementary Recognized to QQJQ2/8	Power Supplies for AV, ITE, and AVICT Equipment
PJA600F-48-C-XPFS, Complementary Recognized to QQJQ2/8	Power Supplies for AV, ITE, and AVICT Equipment
PJA600F-48-y, y = any combination of C, G, R, U, V, W, F2, F4, T3 or blank. Complementary Recognized to QQJQ2/8	Power Supplies for AV, ITE, and AVICT Equipment
PJA600F-5-y, y = any combination of C, G, R, U, V, W, F2, F4, T3 or blank. Complementary Recognized to QQJQ2/8	Power Supplies for AV, ITE, and AVICT Equipment
PLA600F-12-y, y = any combination of C, G, R, U, V, W, F2, F4, T2 or blank. Complementary Recognized to QQJQ2/8	Power Supplies for AV, ITE, and AVICT Equipment
PLA600F-15-y, y = any combination of C, G, R, U, V, W, F2, F4, T2 or blank. Complementary Recognized to QQJQ2/8	Power Supplies for AV, ITE, and AVICT Equipment
PLA600F-24-C-XPFS, Complementary Recognized to QQJQ2/8	Power Supplies for AV, ITE, and AVICT Equipment
PLA600F-24-XPFS, Complementary Recognized to QQJQ2/8	Power Supplies for AV, ITE, and AVICT Equipment
PLA600F-24-y, y = any combination of C, G, R, U, V, W, F2, F4, T2 or blank. Complementary Recognized to QQJQ2/8	Power Supplies for AV, ITE, and AVICT Equipment
PLA600F-36-y, y = any combination of C, G, R, U, V, W, F2, F4, T2 or blank. Complementary Recognized to QQJQ2/8	Power Supplies for AV, ITE, and AVICT Equipment
PLA600F-3R3-y, y = any combination of C, G, R, U, V, W, F2, F4, T2 or blank. Complementary Recognized to QQJQ2/8	Power Supplies for AV, ITE, and AVICT Equipment

B. Mahrenholz

Bruce Mahrenholz, Director North American Certification Program

UL LLC

Any information and documentation involving UL Mark services are provided on behalf of UL LLC (UL) or any authorized licensee of UL. For questions, please contact a local UL Customer Service Representative at <http://ul.com/aboutul/locations/>



CERTIFICATE OF COMPLIANCE

Certificate Number UL-US-L132067-14X12A62-52801102-1
Report Reference E132067-20110825
Date 11-May-2022

PLA600F-42-y, y = any combination of C, G, R, U, V, W, F2, F4, T2 or blank. Complementary Recognized to QQJQ2/8	Power Supplies for AV, ITE, and AVICT Equipment
PLA600F-48-XPEOA, Complementary Recognized to QQJQ2/8	Power Supplies for AV, ITE, and AVICT Equipment
PLA600F-48-y, y = any combination of C, G, R, U, V, W, F2, F4, T2 or blank. Complementary Recognized to QQJQ2/8	Power Supplies for AV, ITE, and AVICT Equipment
PLA600F-5-y, y = any combination of C, G, R, U, V, W, F2, F4, T2 or blank. Complementary Recognized to QQJQ2/8	Power Supplies for AV, ITE, and AVICT Equipment

B. Mahlen

Bruce Mahrenholz, Director North American Certification Program

UL LLC



Any information and documentation involving UL Mark services are provided on behalf of UL LLC (UL) or any authorized licensee of UL. For questions, please contact a local UL Customer Service Representative at <http://ul.com/aboutul/locations/>

CERTIFICATE OF COMPLIANCE

Certificate Number UL-CA-L132067-16X12A62-52801102-1
Report Reference E132067-20110825
Date 11-May-2022

Issued to: COSEL CO LTD
 1-6-43 KAMIAKAE-MACHI TOYAMA-SHI, TOYAMA 930-0816
 Japan

This is to certify that representative samples of QQQQ8 - Power Supplies, Information Technology Equipment Including Electrical Business Equipment
 Certified for Canada - Component
 See Addendum Page for Product Designation(s).

Have been investigated by UL in accordance with the component requirements in the Standard(s) indicated on this Certificate. UL Recognized components are incomplete in certain constructional features or restricted in performance capabilities and are intended for installation in complete equipment submitted for investigation to UL LLC.

Standard(s) for Safety: CSA C22.2 No. 60950-1 - 2nd Ed. - Issue Date: 2007-03-27
 - Revision Date: 2014-10-01

Additional Information: See the UL Online Certifications Directory at <https://iq.ulprospector.com> for additional information

This *Certificate of Compliance* does not provide authorization to apply the UL Recognized Component Mark. Only the UL Follow-Up Services Procedure provides authorization to apply the UL Mark.

Only those products bearing the UL Recognized Component Mark should be considered as being UL Certified and covered under UL's Follow-Up Services.

Look for the UL Recognized Component Mark on the product.



Bruce Mahrenholz, Director North American Certification Program

UL LLC



Any information and documentation involving UL Mark services are provided on behalf of UL LLC (UL) or any authorized licensee of UL. For questions, please contact a local UL Customer Service Representative at <http://ul.com/aboutul/locations/>

CERTIFICATE OF COMPLIANCE

Certificate Number UL-CA-L132067-16X12A62-52801102-1
Report Reference E132067-20110825
Date 11-May-2022

This is to certify that representative samples of the product as specified on this certificate were tested according to the current UL requirements

Model	Category Description
PJA600F-12-y, y = any combination of C, G, R, U, V, W, F2, F4, T3 or blank. Complementary Recognized to QQJQ2/8	Power Supplies for AV, ITE, and AVICT Equipment
PJA600F-15-y, y = any combination of C, G, R, U, V, W, F2, F4, T3 or blank. Complementary Recognized to QQJQ2/8	Power Supplies for AV, ITE, and AVICT Equipment
PJA600F-24-y, y = any combination of C, G, R, U, V, W, F2, F4, T3 or blank. Complementary Recognized to QQJQ2/8	Power Supplies for AV, ITE, and AVICT Equipment
PJA600F-36-y, y = any combination of C, G, R, U, V, W, F2, F4, T3 or blank. Complementary Recognized to QQJQ2/8	Power Supplies for AV, ITE, and AVICT Equipment
PJA600F-48-C-XPFS, Complementary Recognized to QQJQ2/8	Power Supplies for AV, ITE, and AVICT Equipment
PJA600F-48-y, y = any combination of C, G, R, U, V, W, F2, F4, T3 or blank. Complementary Recognized to QQJQ2/8	Power Supplies for AV, ITE, and AVICT Equipment
PJA600F-5-y, y = any combination of C, G, R, U, V, W, F2, F4, T3 or blank. Complementary Recognized to QQJQ2/8	Power Supplies for AV, ITE, and AVICT Equipment
PLA600F-12-y, y = any combination of C, G, R, U, V, W, F2, F4, T2 or blank. Complementary Recognized to QQJQ2/8	Power Supplies for AV, ITE, and AVICT Equipment
PLA600F-15-y, y = any combination of C, G, R, U, V, W, F2, F4, T2 or blank. Complementary Recognized to QQJQ2/8	Power Supplies for AV, ITE, and AVICT Equipment
PLA600F-24-C-XPFS, Complementary Recognized to QQJQ2/8	Power Supplies for AV, ITE, and AVICT Equipment
PLA600F-24-XPFS, Complementary Recognized to QQJQ2/8	Power Supplies for AV, ITE, and AVICT Equipment
PLA600F-24-y, y = any combination of C, G, R, U, V, W, F2, F4, T2 or blank. Complementary Recognized to QQJQ2/8	Power Supplies for AV, ITE, and AVICT Equipment
PLA600F-36-y, y = any combination of C, G, R, U, V, W, F2, F4, T2 or blank. Complementary Recognized to QQJQ2/8	Power Supplies for AV, ITE, and AVICT Equipment
PLA600F-3R3-y, y = any combination of C, G, R, U, V, W, F2, F4, T2 or blank. Complementary Recognized to QQJQ2/8	Power Supplies for AV, ITE, and AVICT Equipment

B. Mahlen

Bruce Mahrenholz, Director North American Certification Program

UL LLC

Any information and documentation involving UL Mark services are provided on behalf of UL LLC (UL) or any authorized licensee of UL. For questions, please contact a local UL Customer Service Representative at <http://ul.com/aboutul/locations/>



CERTIFICATE OF COMPLIANCE

Certificate Number UL-CA-L132067-16X12A62-52801102-1
Report Reference E132067-20110825
Date 11-May-2022

PLA600F-42-y, y = any combination of C, G, R, U, V, W, F2, F4, T2 or blank. Complementary Recognized to QQJQ2/8	Power Supplies for AV, ITE, and AVICT Equipment
PLA600F-48-XPEOA, Complementary Recognized to QQJQ2/8	Power Supplies for AV, ITE, and AVICT Equipment
PLA600F-48-y, y = any combination of C, G, R, U, V, W, F2, F4, T2 or blank. Complementary Recognized to QQJQ2/8	Power Supplies for AV, ITE, and AVICT Equipment
PLA600F-5-y, y = any combination of C, G, R, U, V, W, F2, F4, T2 or blank. Complementary Recognized to QQJQ2/8	Power Supplies for AV, ITE, and AVICT Equipment

B. Mahrenholz

Bruce Mahrenholz, Director North American Certification Program

UL LLC



Any information and documentation involving UL Mark services are provided on behalf of UL LLC (UL) or any authorized licensee of UL. For questions, please contact a local UL Customer Service Representative at <http://ul.com/aboutul/locations/>