

CERTIFICATE OF COMPLIANCE

Certificate Number 20170824-E317867
Report Reference E317867-20140717
Issue Date 2017-AUGUST-25

Issued to: XP POWER L L C
15641 RED HILL AVE, SUITE 100,
TUSTIN, CA 92780 USA


This is to certify that Please see addendum page
representative samples of Please see addendum page

Have been investigated by UL in accordance with the
Standard(s) indicated on this Certificate.

Standard(s) for Safety: UL 60950-1 & CAN/CSA C22.2 No. 60950-1-07 -
Information Technology Equipment - Safety - Part 1:
General Requirements; UL62368-1; CAN/CSA C22.2 No.
62368-1-14

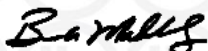
Additional Information: See the UL Online Certifications Directory at
www.ul.com/database for additional information

Only those products bearing the UL Certification Mark should be considered as being covered by UL's
Certification and Follow-Up Service.

The UL Recognized Component Mark generally consists of the manufacturer's identification and catalog
number, model number or other product designation as specified under "Marking" for the particular
Recognition as published in the appropriate UL Directory. As a supplementary means of identifying products
that have been produced under UL's Component Recognition Program, UL's Recognized Component Mark:
, may be used in conjunction with the required Recognized Marks. The Recognized Component Mark is
required when specified in the UL Directory preceding the recognitions or under "Markings" for the individual
recognitions.

Recognized components are incomplete in certain constructional features or restricted in performance
capabilities and are intended for use as components of complete equipment submitted for investigation rather
than for direct separate installation in the field. The final acceptance of the component is dependent upon its
installation and use in complete equipment submitted to UL LLC.

Look for the UL Certification Mark on the product.



Bruce Mahrenholz, Director North American Certification Program

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This is to certify that POWER SUPPLIES, INFORMATION TECHNOLOGY EQUIPMENT INCLUDING ELECTRICAL BUSINESS EQUIPMENT – COMPONENT POWER SUPPLIES FOR USE WITH AUDIO/VIDEO, INFORMATION AND COMMUNICATION TECHNOLOGY EQUIPMENT – COMPONENT

Models:
Covered for QQQQ2 and QQQQ8

JTE0324S3V3, JTE0324S05, JTE0324S12, JTE0324S15, JTE0324S24,
JTE0324D03, JTE0324D05, JTE0324D12, JTE0324D15, JTE0324D24,
JTE0348S3V3, JTE0348S05, JTE0348S12, JTE0348S15, JTE0348S24,
JTE0348D03, JTE0348D05, JTE0348D12, JTE0348D15, JTE0348D24,
JTE0324S3V3-H, JTE0324S05-H, JTE0324S12-H, JTE0324S15-H, JTE0324S24-H,
JTE0324D03-H, JTE0324D05-H, JTE0324D12-H, JTE0324D15-H, JTE0324D24-H,
JTE0348S3V3-H, JTE0348S05-H, JTE0348S12-H, JTE0348S15-H, JTE0348S24-H,
JTE0348D03-H, JTE0348D05-H, JTE0348D12-H, JTE0348D15-H, JTE0348D24-H,
JTE0624S15, JTE0624S24, JTE0624D03, JTE0624D05, JTE0624D12, JTE0624D15,
JTE0624D24, JTE0648S3V3, JTE0648S05, JTE0648S12, JTE0648S15,
JTE0648S24, JTE0648D03, JTE0648D05, JTE0648D12, JTE0648D15, JTE0648D24,
JTE0624S3V3-H, JTE0624S05-H, JTE0624S12-H, JTE0624S15-H, JTE0624S24-H,
JTE0624D03-H, JTE0624D05-H, JTE0624D12-H, JTE0624D15-H, JTE0624D24-H,
JTE0648S3V3-H, JTE0648S05-H, JTE0648S12-H, JTE0648S15-H, JTE0648S24-H,
JTE0648D03-H, JTE0648D05-H, JTE0648D12-H, JTE0648D15-H, JTE0648D24-H,
JCE0324D03, JCE0324D05, JCE0324D12, JCE0324D15, JCE0324D24,
JCE0348S3V3, JCE0348S05, JCE0348S12, JCE0348S15, JCE0348S24,
JCE0348D03, JCE0348D05, JCE0348D12, JCE0348D15, JCE0348D24,
JCE0312S3V3-H, JCE0312S05-H, JCE0312S12-H, JCE0312S15-H, JCE0312S24-H,
JCE0312D03-H, JCE0312D05-H, JCE0312D12-H, JCE0312D15-H, JCE0312D24-H,
JCE0324S3V3-H, JCE0324S05-H, JCE0324S12-H, JCE0324S15-H, JCE0324S24-H,
JCE0324D03-H, JCE0324D05-H, JCE0324D12-H, JCE0324D15-H, JCE0324D24-H,
JCE0348S3V3-H, JCE0348S05-H, JCE0348S12-H, JCE0348S15-H, JCE0348S24-H,
JCE0348D03-H, JCE0348D05-H, JCE0348D12-H, JCE0348D15-H, JCE0348D24-H,
JCE0612S3V3, JCE0612S05, JCE0612S12, JCE0612S15, JCE0612S24,

B. Mahrenholz

Bruce Mahrenholz, Director North American Certification Program

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JCE0612D03, JCE0612D05, JCE0612D12, JCE0612D15, JCE0612D24,
JCE0624S3V3, JCE0624S05, JCE0624S12, JCE0624S15, JCE0624S24,
JCE0624D03, JCE0624D05, JCE0624D12, JCE0624D15, JCE0624D24,
JCE0648S3V3, JCE0648S05, JCE0648S12, JCE0648S15, JCE0648S24,
JCE0648D03, JCE0648D05, JCE0648D12, JCE0648D15, JCE0648D24,
JCE0612S3V3-H, JCE0612S05-H, JCE0612S12-H, JCE0612S15-H, JCE0612S24-H,
JCE0612D03-H, JCE0612D05-H, JCE0612D12-H, JCE0612D15-H, JCE0612D24-H,



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JCE0624S3V3-H, JCE0624S05-H, JCE0624S12-H, JCE0624S15-H, JCE0624S24-H,
JCE0624D03-H, JCE0624D05-H, JCE0624D12-H, JCE0624D15-H, JCE0624D24-H,
JCE0648S3V3-H, JCE0648S05-H, JCE0648S12-H, JCE0648S15-H, JCE0648S24-H,
JCE0648D03-H, JCE0648D05-H, JCE0648D12-H, JCE0648D15-H, JCE0648D24-H,
ITW0505SA, ITW0512SA, ITW0515SA, ITW0524SA, ITW0512S, ITW0515S,
ITW1205SA, ITW1212SA, ITW1215SA, ITW1224SA, ITW1212S, ITW1215S,
ITW2405SA, ITW2412SA, ITW2415SA, ITW2424SA, ITW2412S, ITW2415S,
ITW4805SA, ITW4812SA, ITW4815SA, ITW4824SA, ITW4812S, ITW4815S,
IB0303S, IB0305S, IB0307S, IB0309S, IB0312S, IB0315S, IB0318S, IB0324S,
IB0503S, IB0505S, IB0507S, IB0509S, IB0512S, IB0515S, IB0518S, IB0524S,
IB1203S, IB1205S, IB1207S, IB1209S, IB1212S, IB1215S, IB1218S, IB1224S,
IB1503S, IB1505S, IB1507S, IB1509S, IB1512S, IB1515S, IB1518S, IB1524S,
IB2403S, IB2405S, IB2407S, IB2409S, IB2412S, IB2415S, IB2418S, IB2424S,
IB4803S, IB4805S, IB4807S, IB4809S, IB4812S, IB4815S, IB4818S, IB4824S,
IV0303SA, IV0305SA, IV0307SA, IV0309SA, IV0312SA, IV0315SA, IV0318SA,
IV0324SA, IV0503SA, IV0505SA, IV0507SA, IV0509SA, IV0512SA, IV0515SA,
IV0518SA, IV0524SA, IV1203SA, IV1205SA, IV1207SA, IV1209SA, IV1212SA,
IV1215SA, IV1218SA, IV1224SA, IV1503SA, IV1505SA, IV1507SA, IV1509SA,
IV1512SA, IV1515SA, IV1518SA, IV1524SA, IV2403SA, IV2405SA, IV2407SA,
IV2409SA, IV2412SA, IV2415SA, IV2418SA, IV2424SA, IV4803SA, IV4805SA,
IV4807SA, IV4809SA, IV4812SA, IV4815SA, IV4818SA, IV4824SA, IV0303SA-H4,
IV0305SA-H4, IV0307SA-H4, IV0309SA-H4, IV0312SA-H4, IV0315SA-H4,
IV0318SA-H4, IV0324SA-H4, IV0503SA-H4, IV0505SA-H4, IV0507SA-H4,
IV0509SA-H4, IV0512SA-H4, IV0515SA-H4, IV0518SA-H4, IV0524SA-H4,
IV1203SA-H4, IV1205SA-H4, IV1207SA-H4, IV1209SA-H4, IV1212SA-H4,
IV1215SA-H4, IV1218SA-H4, IV1224SA-H4, IV1503SA-H4, IV1505SA-H4,
IV1507SA-H4, IV1509SA-H4, IV1512SA-H4, IV1515SA-H4, IV1518SA-H4,
IV1524SA-H4, IV2403SA-H4, IV2405SA-H4, IV2407SA-H4, IV2409SA-H4,
IV2412SA-H4, IV2415SA-H4, IV2418SA-H4, IV2424SA-H4, IV4803SA-H4,
IV4805SA-H4, IV4807SA-H4, IV4809SA-H4, IV4812SA-H4, IV4815SA-H4,
IV4818SA-H4, IV4824SA-H4, IV0303SA-H5, IV0305SA-H5, IV0307SA-H5,
IV0309SA-H5, IV0312SA-H5, IV0315SA-H5, IV0318SA-H5, IV0324SA-H5,
IV0503SA-H5, IV0505SA-H5, IV0507SA-H5, IV0509SA-H5, IV0512SA-H5,
IV0515SA-H5, IV0518SA-H5, IV0524SA-H5, IV1203SA-H5, IV1205SA-H5,



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IV1207SA-H5, IV1209SA-H5, IV1212SA-H5, IV1215SA-H5, IV1218SA-H5, IV1224SA-H5, IV1503SA-H5, IV1505SA-H5, IV1507SA-H5, IV1509SA-H5, IV1512SA-H5, IV1515SA-H5, IV1518SA-H5, IV1524SA-H5, IV2403SA-H5, IV2405SA-H5, IV2407SA-H5, IV2409SA-H5, IV2412SA-H5, IV2415SA-H5, IV2418SA-H5, IV2424SA-H5, IV4803SA-H5, IV4805SA-H5, IV4807SA-H5, IV4809SA-H5, IV4812SA-H5, IV4815SA-H5, IV4818SA-H5, IV4824SA-H5, IV0303SA-H6, IV0305SA-H6, IV0307SA-H6, IV0309SA-H6, IV0312SA-H6, IV0315SA-H6, IV0318SA-H6, IV0324SA-H6, IV0503SA-H6, IV0505SA-H6, IV0507SA-H6, IV0509SA-H6, IV0512SA-H6, IV0515SA-H6, IV0518SA-H6, IV0524SA-H6, IV1203SA-H6, IV1205SA-H6, IV1207SA-H6, IV1209SA-H6, IV1212SA-H6, IV1215SA-H6, IV1218SA-H6, IV1224SA-H6, IV1503SA-H6, IV1505SA-H6, IV1507SA-H6, IV1509SA-H6, IV1512SA-H6, IV1515SA-H6, IV1518SA-H6, IV1524SA-H6, IV2403SA-H6, IV2405SA-H6, IV2407SA-H6, IV2409SA-H6, IV2412SA-H6, IV2415SA-H6, IV2418SA-H6, IV2424SA-H6, IV4803SA-H6, IV4805SA-H6, IV4807SA-H6, IV4809SA-H6, IV4812SA-H6, IV4815SA-H6, IV4818SA-H6, IV4824SA-H6, IA0303S, IA0305S, IA0307S, IA0309S, IA0312S, IA0315S, IA0318S, IA0324S, IA0503S, IA0505S, IA0507S, IA0509S, IA0512S, IA0515S, IA0518S, IA0524S, IA1203S, IA1205S, IA1207S, IA1209S, IA1212S, IA1215S, IA1218S, IA1224S, IA1503S, IA1505S, IA1507S, IA1509S, IA1512S, IA1515S, IA1518S, IA1524S, IA2403S, IA2405S, IA2407S, IA2409S, IA2412S, IA2415S, IA2418S, IA2424S, IA4803S, IA4805S, IA4807S, IA4809S, IA4812S, IA4815S, IA4818S, IA4824S, IV0303S, IV0305S, IV0307S, IV0309S, IV0312S, IV0315S, IV0318S, IV0324S, IV0503S, IV0505S, IV0507S, IV0509S, IV0512S, IV0515S, IV0518S, IV0524S, IV1203S, IV1205S, IV1207S, IV1209S, IV1212S, IV1215S, IV1218S, IV1224S, IV1503S, IV1505S, IV1507S, IV1509S, IV1512S, IV1515S, IV1518S, IV1524S, IV2403S, IV2405S, IV2407S, IV2409S, IV2412S, IV2415S, IV2418S, IV2424S, IV4803S, IV4805S, IV4807S, IV4809S, IV4812S, IV4815S, IV4818S, IV4824S, IV0303S-H4, IV0305S-H4, IV0307S-H4, IV0309S-H4, IV0312S-H4, IV0315S-H4, IV0318S-H4, IV0324S-H4, IV0503S-H4, IV0505S-H4, IV0507S-H4, IV0509S-H4, IV0512S-H4, IV0515S-H4, IV0518S-H4, IV0524S-H4, IV1203S-H4, IV1205S-H4, IV1207S-H4, IV1209S-H4, IV1212S-H4, IV1215S-H4, IV1218S-H4, IV1224S-H4, IV1503S-H4, IV1505S-H4, IV1507S-H4, IV1509S-H4, IV1512S-H4, IV1515S-H4, IV1518S-H4, IV1524S-H4, IV2403S-H4, IV2405S-H4, IV2407S-H4, IV2409S-H4, IV2412S-H4, IV2415S-H4, IV2418S-H4,

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IV1209DA-H4, IV1212DA-H4, IV1215DA-H4, IV1218DA-H4, IV1224DA-H4, IV1503DA-H4, IV1505DA-H4, IV1507DA-H4, IV1509DA-H4, IV1512DA-H4, IV1515DA-H4, IV1518DA-H4, IV1524DA-H4, IV2403DA-H4, IV2405DA-H4, IV2407DA-H4, IV2409DA-H4, IV2412DA-H4, IV2415DA-H4, IV2418DA-H4, IV2424DA-H4, IV4803DA-H4, IV4805DA-H4, IV4807DA-H4, IV4809DA-H4, IV4812DA-H4, IV4815DA-H4, IV4818DA-H4, IV4824DA-H4, IV0303DA-H5, IV0305DA-H5, IV0307DA-H5, IV0309DA-H5, IV0312DA-H5, IV0315DA-H5, IV0318DA-H5, IV0324DA-H5, IV0503DA-H5, IV0505DA-H5, IV0507DA-H5, IV0509DA-H5, IV0512DA-H5, IV0515DA-H5, IV0518DA-H5, IV0524DA-H5, IV1203DA-H5, IV1205DA-H5, IV1207DA-H5, IV1209DA-H5, IV1212DA-H5, IV1215DA-H5, IV1218DA-H5, IV1224DA-H5, IV1503DA-H5, IV1505DA-H5, IV1507DA-H5, IV1509DA-H5, IV1512DA-H5, IV1515DA-H5, IV1518DA-H5, IV1524DA-H5, IV2403DA-H5, IV2405DA-H5, IV2407DA-H5, IV2409DA-H5, IV2412DA-H5, IV2415DA-H5, IV2418DA-H5, IV2424DA-H5, IV4803DA-H5, IV4805DA-H5, IV4807DA-H5, IV4809DA-H5, IV4812DA-H5, IV4815DA-H5, IV4818DA-H5, IV4824DA-H5, IV0303DA-H6, IV0305DA-H6, IV0307DA-H6, IV0309DA-H6, IV0312DA-H6, IV0315DA-H6, IV0318DA-H6, IV0324DA-H6, IV0503DA-H6, IV0505DA-H6, IV0507DA-H6, IV0509DA-H6, IV0512DA-H6, IV0515DA-H6, IV0518DA-H6, IV0524DA-H6, IV1203DA-H6, IV1205DA-H6, IV1207DA-H6, IV1209DA-H6, IV1212DA-H6, IV1215DA-H6, IV1218DA-H6, IV1224DA-H6, IV1503DA-H6, IV1505DA-H6, IV1507DA-H6, IV1509DA-H6, IV1512DA-H6, IV1515DA-H6, IV1518DA-H6, IV1524DA-H6, IV2403DA-H6, IV2405DA-H6, IV2407DA-H6, IV2409DA-H6, IV2412DA-H6, IV2415DA-H6, IV2418DA-H6, IV2424DA-H6, IV4803DA-H6, IV4805DA-H6, IV4807DA-H6, IV4809DA-H6, IV4812DA-H6, IV4815DA-H6, IV4818DA-H6, IV4824DA-H6, IA0303D, IA0305D, IA0307D, IA0309D, IA0312D, IA0315D, IA0318D, IA0324D, IA0503D, IA0505D, IA0507D, IA0509D, IA0512D, IA0515D, IA0518D, IA0524D, IA1203D, IA1205D, IA1207D, IA1209D, IA1212D, IA1215D, IA1218D, IA1224D, IA1503D, IA1505D, IA1507D, IA1509D, IA1512D, IA1515D, IA1518D, IA1524D, IA2403D, IA2405D, IA2407D, IA2409D, IA2412D, IA2415D, IA2418D, IA2424D, IA4803D, IA4805D, IA4807D, IA4809D, IA4812D, IA4815D, IA4818D, IA4824D, IV0303D, IV0305D, IV0307D, IV0309D, IV0312D, IV0315D, IV0318D, IV0324D, IV0503D, IV0505D, IV0507D, IV0509D, IV0512D, IV0515D, IV0518D, IV0524D, IV1203D, IV1205D, IV1207D, IV1209D, IV1212D, IV1215D, IV1218D, IV1224D, IV1503D,

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Certificate Number 20170824-E317867
Report Reference E317867-20140717
Issue Date 2017-AUGUST-25

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IV1505D, IV1507D, IV1509D, IV1512D, IV1515D, IV1518D, IV1524D, IV2403D, IV2405D, IV2407D, IV2409D, IV2412D, IV2415D, IV2418D, IV2424D, IV4803D, IV4805D, IV4807D, IV4809D, IV4812D, IV4815D, IV4818D, IV4824D, IV0303D-H4, IV0305D-H4, IV0307D-H4, IV0309D-H4, IV0312D-H4, IV0315D-H4, IV0318D-H4, IV0324D-H4, IV0503D-H4, IV0505D-H4, IV0507D-H4, IV0509D-H4, IV0512D-H4, IV0515D-H4, IV0518D-H4, IV0524D-H4, IV1203D-H4, IV1205D-H4, IV1207D-H4, IV1209D-H4, IV1212D-H4, IV1215D-H4, IV1218D-H4, IV1224D-H4, IV1503D-H4, IV1505D-H4, IV1507D-H4, IV1509D-H4, IV1512D-H4, IV1515D-H4, IV1518D-H4, IV1524D-H4, IV2403D-H4, IV2405D-H4, IV2407D-H4, IV2409D-H4, IV2412D-H4, IV2415D-H4, IV2418D-H4, IV2424D-H4, IV4803D-H4, IV4805D-H4, IV4807D-H4, IV4809D-H4, IV4812D-H4, IV4815D-H4, IV4818D-H4, IV4824D-H4, IV0303D-H5, IV0305D-H5, IV0307D-H5, IV0309D-H5, IV0312D-H5, IV0315D-H5, IV0318D-H5, IV0324D-H5, IV0503D-H5, IV0505D-H5, IV0507D-H5, IV0509D-H5, IV0512D-H5, IV0515D-H5, IV0518D-H5, IV0524D-H5, IV1203D-H5, IV1205D-H5, IV1207D-H5, IV1209D-H5, IV1212D-H5, IV1215D-H5, IV1218D-H5, IV1224D-H5, IV1503D-H5, IV1505D-H5, IV1507D-H5, IV1509D-H5, IV1512D-H5, IV1515D-H5, IV1518D-H5, IV1524D-H5, IV2403D-H5, IV2405D-H5, IV2407D-H5, IV2409D-H5, IV2412D-H5, IV2415D-H5, IV2418D-H5, IV2424D-H5, IV4803D-H5, IV4805D-H5, IV4807D-H5, IV4809D-H5, IV4812D-H5, IV4815D-H5, IV4818D-H5, IV4824D-H5, IV0303D-H6, IV0305D-H6, IV0307D-H6, IV0309D-H6, IV0312D-H6, IV0315D-H6, IV0318D-H6, IV0324D-H6, IV0503D-H6, IV0505D-H6, IV0507D-H6, IV0509D-H6, IV0512D-H6, IV0515D-H6, IV0518D-H6, IV0524D-H6, IV1203D-H6, IV1205D-H6, IV1207D-H6, IV1209D-H6, IV1212D-H6, IV1215D-H6, IV1218D-H6, IV1224D-H6, IV1503D-H6, IV1505D-H6, IV1507D-H6, IV1509D-H6, IV1512D-H6, IV1515D-H6, IV1518D-H6, IV1524D-H6, IV2403D-H6, IV2405D-H6, IV2407D-H6, IV2409D-H6, IV2412D-H6, IV2415D-H6, IV2418D-H6, IV2424D-H6, IV4803D-H6, IV4805D-H6, IV4807D-H6, IV4809D-H6, IV4812D-H6, IV4815D-H6, IV4818D-H6, IV4824D-H6, IT2403SA, IT2405SA, IT2412SA, IT2415SA, IT4803SA, IT4805SA, IT4812SA, IT4815SA, IT2405S, IT2412S, IT2415S, IT4805S, IT4812S, IT4815S, IM2403SA, IM2405SA, IM2412SA, IM2415SA, IM4803SA, IM4805SA, IM4812SA, IM4815SA, IM2405S, IM2412S, IM2415S, IM4805S, IM4812S, IM4815S, JCH1012S3V3, JCH1012S05, JCH1012S7V2, JCH1012S09, JCH1012S12, JCH1012S15, JCH1012S18, JCH1012S24, JCH1012D03, JCH1012D05, JCH1012D07, JCH1012D09, JCH1012D12, JCH1012D15, JCH1012D18, JCH1012D24, JCH1024S3V3,

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JCH1024S05, JCH1024S7V2, JCH1024S09, JCH1024S12, JCH1024S15,
JCH1024S18, JCH1024S24, JCH1024D03, JCH1024D05, JCH1024D07,
JCH1024D09, JCH1024D12, JCH1024D15, JCH1024D18, JCH1024D24,
JCH1048S3V3, JCH1048S05, JCH1048S7V2, JCH1048S09, JCH1048S12,
JCH1048S15, JCH1048S18, JCH1048S24, JCH1048D03, JCH1048D05,
JCH1048D07, JCH1048D09, JCH1048D12, JCH1048D15, JCH1048D18,
JCH1048D24, JTH1524S3V3, JTH1524S05, JTH1524S7V2, JTH1524S09,
JTH1524S12, JTH1524S15, JTH1524D05, JTH1524D07, JTH1524D09, JTH1524D12,
JTH1524D15, JTH1548S3V3, JTH1548S05, JTH1548S7V2, JTH1548S09,
JTH1548S12, JTH1548S15, JTH1548D05, JTH1548D07, JTH1548D09, JTH1548D12,
JTH1548D15, JTH1524S3V3-R, JTH1524S05-R, JTH1524S7V2-R, JTH1524S09-R,
JTH1524S12-R, JTH1524S15-R, JTH1524D05-R, JTH1524D07-R, JTH1524D09-R,
JTH1524D12-R, JTH1524D15-R, JTH1548S3V3-R, JTH1548S05-R, JTH1548S7V2-R,
JTH1548S09-R, JTH1548S12-R, JTH1548S15-R, JTH1548D05-R, JTH1548D07-R,
JTH1548D09-R, JTH1548D12-R, JTH1548D15-R, JTK1524S3V3, JTK1524S05,
JTK1524S12, JTK1524S15, JTK1548S3V3, JTK1548S05, JTK1548S12, JTK1548S15,
JTK1524D05, JTK1524D12, JTK1524D15, JTK1548D05, JTK1548D12, JTK1548D15,
JTK2024S3V3, JTK2024S05, JTK2024S12, JTK2024S15, JTK2048S3V3,
JTK2048S05, JTK2048S12, JTK2048S15, JTK2024D12, JTK2024D15, JTK2048D12,
JTK2048D15, JCM1512S3V3, JCM1512S05, JCM1512S12, JCM1512S15,
JCM1524S3V3, JCM1524S05, JCM1524S12, JCM1524S15, JCM1548S3V3,
JCM1548S05, JCM1548S12, JCM1548S15, JCM1512D05, JCM1512D12,
JCM1512D15, JCM1524D05, JCM1524D12, JCM1524D15, JCM1548D05,
JCM1548D12, JCM1548D15, JCM2012S3V3, JCM2012S05, JCM2012S12,
JCM2012S15, JCM2024S3V3, JCM2024S05, JCM2024S12, JCM2024S15,
JCM2048S3V3, JCM2048S05, JCM2048S12, JCM2048S15, JCM2012D12,
JCM2012D15, JCM2024D12, JCM2024D15, JCM2048D12, JCM2048D15



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JCM3012S3V3, JCM3012S05, JCM3012S12, JCM3012S15, JCM3012D12, JCM3012D15, JCM3024S3V3, JCM3024S05, JCM3024S12, JCM3024S15, JCM3024D12, JCM3024D15, JCM3048S3V3, JCM3048S05, JCM3048S12, JCM3048S15, JCM3048D12, JCM3048D15, JCM3012S3V3-HK, JCM3012S05-HK, JCM3012S12-HK, JCM3012S15-HK, JCM3024S3V3-HK, JCM3024S05-HK, JCM3024S12-HK, JCM3024S15-HK, JCM3048S3V3-HK, JCM3048S05-HK, JCM3048S12-HK, JCM3048S15-HK, JCM3012D12-HK, JCM3012D15-HK, JCM3024D12-HK, JCM3024D15-HK, JCM3048D12-HK, JCM3048D15-HK, JTK3024S3V3, JTK3024S05, JTK3024S12, JTK3024S15, JTK3024D12, JTK3024D15, JTK3048S3V3, JTK3048S05, JTK3048S12, JTK3048S15, JTK3048D12, JTK3048D15, JTK3024S3V3-HK, JTK3024S05-HK, JTK3024S12-HK, JTK3024S15-HK, JTK3048S3V3-HK, JTK3048S05-HK, JTK3048S12-HK, JTK3048S15-HK, JTK3024D12-HK, JTK3024D15-HK, JTK3048D12-HK, JTK3048D15-HK.

ISD0103S3V3, ISD0103S05, ISD0105S3V3, ISD0105S05, ISD0103D3V3, ISD0103D05, ISD0105D3V3, ISD0105D05, ISD0103S3V3-TR, ISD0103S05-TR, ISD0105S3V3-TR, ISD0105S05-TR, ISD0103D3V3-TR, ISD0103D05-TR, ISD0105D3V3-TR, ISD0105D05-TR



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Covered for QQJQ2 and QQJQ8

IT2403SA, IT2405SA, IT2412SA, IT2415SA, IT4803SA, IT4805SA, IT4812SA, IT4815SA, IT2405S, IT2412S, IT2415S, IT4805S, IT4812S, IT4815S, IM2403SA, IM2405SA, IM2412SA, IM2415SA, IM4803SA, IM4805SA, IM4812SA, IM4815SA, IM2405S, IM2412S, IM2415S, IM4805S, IM4812S, IM4815S, JCH1012S3V3, JCH1012S05, JCH1012S7V2, JCH1012S09, JCH1012S12, JCH1012S15, JCH1012S18, JCH1012S24, JCH1012D03, JCH1012D05, JCH1012D07, JCH1012D09, JCH1012D12, JCH1012D15, JCH1012D18, JCH1012D24, JCH1024S3V3,

JCH1024S05, JCH1024S7V2, JCH1024S09, JCH1024S12, JCH1024S15, JCH1024S18, JCH1024S24, JCH1024D03, JCH1024D05, JCH1024D07, JCH1024D09, JCH1024D12, JCH1024D15, JCH1024D18, JCH1024D24, JCH1048S3V3, JCH1048S05, JCH1048S7V2, JCH1048S09, JCH1048S12, JCH1048S15, JCH1048S18, JCH1048S24, JCH1048D03, JCH1048D05, JCH1048D07, JCH1048D09, JCH1048D12, JCH1048D15, JCH1048D18, JCH1048D24, JTH1524S3V3, JTH1524S05, JTH1524S7V2, JTH1524S09, JTH1524S12, JTH1524S15, JTH1524D05, JTH1524D07, JTH1524D09, JTH1524D12, JTH1524D15, JTH1548S3V3, JTH1548S05, JTH1548S7V2, JTH1548S09, JTH1548S12, JTH1548S15, JTH1548D05, JTH1548D07, JTH1548D09, JTH1548D12, JTH1548D15, JTH1524S3V3-R, JTH1524S05-R, JTH1524S7V2-R, JTH1524S09-R, JTH1524S12-R, JTH1524S15-R, JTH1524D05-R, JTH1524D07-R, JTH1524D09-R, JTH1524D12-R, JTH1524D15-R, JTH1548S3V3-R, JTH1548S05-R, JTH1548S7V2-R, JTH1548S09-R, JTH1548S12-R, JTH1548S15-R, JTH1548D05-R, JTH1548D07-R, JTH1548D09-R, JTH1548D12-R, JTH1548D15-R, JTK1524S3V3, JTK1524S05, JTK1524S12, JTK1524S15, JTK1548S3V3, JTK1548S05, JTK1548S12, JTK1548S15, JTK1524D05, JTK1524D12, JTK1524D15, JTK1548D05, JTK1548D12, JTK1548D15, JTK2024S3V3, JTK2024S05, JTK2024S12, JTK2024S15, JTK2048S3V3, JTK2048S05, JTK2048S12, JTK2048S15, JTK2024D12, JTK2024D15, JTK2048D12, JTK2048D15, JCM1512S3V3, JCM1512S05, JCM1512S12, JCM1512S15, JCM1524S3V3, JCM1524S05, JCM1524S12, JCM1524S15, JCM1548S3V3, JCM1548S05, JCM1548S12, JCM1548S15, JCM1512D05, JCM1512D12, JCM1512D15, JCM1524D05, JCM1524D12, JCM1524D15, JCM1548D05,

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JCM1548D12, JCM15489D15, JCM2012S3V3, JCM2012S05, JCM2012S12, JCM2012S15, JCM2024S3V3, JCM2024S05, JCM2024S12, JCM2024S15, JCM2048S3V3, JCM2048S05, JCM2048S12, JCM2048S15, JCM2012D12, JCM2012D15, JCM2024D12, JCM2024D15, JCM2048D12, JCM2048D15

JCM3012S3V3, JCM3012S05, JCM3012S12, JCM3012S15, JCM3012D12, JCM3012D15, JCM3024S3V3, JCM3024S05, JCM3024S12, JCM3024S15, JCM3024D12, JCM3024D15, JCM3048S3V3, JCM3048S05, JCM3048S12, JCM3048S15, JCM3048D12, JCM3048D15, JCM3012S3V3-HK, JCM3012S05-HK, JCM3012S12-HK, JCM3012S15-HK, JCM3024S3V3-HK, JCM3024S05-HK, JCM3024S12-HK, JCM3024S15-HK, JCM3048S3V3-HK, JCM3048S05-HK, JCM3048S12-HK, JCM3048S15-HK, JCM3012D12-HK, JCM3012D15-HK, JCM3024D12-HK, JCM3024D15-HK, JCM3048D12-HK, JCM3048D15-HK, JTK3024S3V3, JTK3024S05, JTK3024S12, JTK3024S15, JTK3024D12, JTK3024D15, JTK3048S3V3, JTK3048S05, JTK3048S12, JTK3048S15, JTK3048D12, JTK3048D15, JTK3024S3V3-HK, JTK3024S05-HK, JTK3024S12-HK, JTK3024S15-HK, JTK3048S3V3-HK, JTK3048S05-HK, JTK3048S12-HK, JTK3048S15-HK, JTK3024D12-HK, JTK3024D15-HK, JTK3048D12-HK, JTK3048D15-HK.

ISD0103S3V3, ISD0103S05, ISD0105S3V3, ISD0105S05, ISD0103D3V3, ISD0103D05, ISD0105D3V3, ISD0105D05, ISD0103S3V3-TR, ISD0103S05-TR, ISD0105S3V3-TR, ISD0105S05-TR, ISD0103D3V3-TR, ISD0103D05-TR, ISD0105D3V3-TR, ISD0105D05-TR



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TUSTIN, CA 92780 USA


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representative samples of Please see addendum page

Have been investigated by UL in accordance with the
Standard(s) indicated on this Certificate.

Standard(s) for Safety: UL 60950-1 & CAN/CSA C22.2 No. 60950-1-07 -
Information Technology Equipment - Safety - Part 1:
General Requirements; UL62368-1; CAN/CSA C22.2 No.
62368-1-14

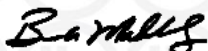
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required when specified in the UL Directory preceding the recognitions or under "Markings" for the individual
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Recognized components are incomplete in certain constructional features or restricted in performance
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This is to certify that POWER SUPPLIES, INFORMATION TECHNOLOGY EQUIPMENT INCLUDING ELECTRICAL BUSINESS EQUIPMENT – COMPONENT POWER SUPPLIES FOR USE WITH AUDIO/VIDEO, INFORMATION AND COMMUNICATION TECHNOLOGY EQUIPMENT – COMPONENT

Models:
Covered for QQQQ2 and QQQQ8

JTE0324S3V3, JTE0324S05, JTE0324S12, JTE0324S15, JTE0324S24,
JTE0324D03, JTE0324D05, JTE0324D12, JTE0324D15, JTE0324D24,
JTE0348S3V3, JTE0348S05, JTE0348S12, JTE0348S15, JTE0348S24,
JTE0348D03, JTE0348D05, JTE0348D12, JTE0348D15, JTE0348D24,
JTE0324S3V3-H, JTE0324S05-H, JTE0324S12-H, JTE0324S15-H, JTE0324S24-H,
JTE0324D03-H, JTE0324D05-H, JTE0324D12-H, JTE0324D15-H, JTE0324D24-H,
JTE0348S3V3-H, JTE0348S05-H, JTE0348S12-H, JTE0348S15-H, JTE0348S24-H,
JTE0348D03-H, JTE0348D05-H, JTE0348D12-H, JTE0348D15-H, JTE0348D24-H,
JTE0624S15, JTE0624S24, JTE0624D03, JTE0624D05, JTE0624D12, JTE0624D15,
JTE0624D24, JTE0648S3V3, JTE0648S05, JTE0648S12, JTE0648S15,
JTE0648S24, JTE0648D03, JTE0648D05, JTE0648D12, JTE0648D15, JTE0648D24,
JTE0624S3V3-H, JTE0624S05-H, JTE0624S12-H, JTE0624S15-H, JTE0624S24-H,
JTE0624D03-H, JTE0624D05-H, JTE0624D12-H, JTE0624D15-H, JTE0624D24-H,
JTE0648S3V3-H, JTE0648S05-H, JTE0648S12-H, JTE0648S15-H, JTE0648S24-H,
JTE0648D03-H, JTE0648D05-H, JTE0648D12-H, JTE0648D15-H, JTE0648D24-H,
JCE0324D03, JCE0324D05, JCE0324D12, JCE0324D15, JCE0324D24,
JCE0348S3V3, JCE0348S05, JCE0348S12, JCE0348S15, JCE0348S24,
JCE0348D03, JCE0348D05, JCE0348D12, JCE0348D15, JCE0348D24,
JCE0312S3V3-H, JCE0312S05-H, JCE0312S12-H, JCE0312S15-H, JCE0312S24-H,
JCE0312D03-H, JCE0312D05-H, JCE0312D12-H, JCE0312D15-H, JCE0312D24-H,
JCE0324S3V3-H, JCE0324S05-H, JCE0324S12-H, JCE0324S15-H, JCE0324S24-H,
JCE0324D03-H, JCE0324D05-H, JCE0324D12-H, JCE0324D15-H, JCE0324D24-H,
JCE0348S3V3-H, JCE0348S05-H, JCE0348S12-H, JCE0348S15-H, JCE0348S24-H,
JCE0348D03-H, JCE0348D05-H, JCE0348D12-H, JCE0348D15-H, JCE0348D24-H,
JCE0612S3V3, JCE0612S05, JCE0612S12, JCE0612S15, JCE0612S24,



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JCE0612D03, JCE0612D05, JCE0612D12, JCE0612D15, JCE0612D24,
JCE0624S3V3, JCE0624S05, JCE0624S12, JCE0624S15, JCE0624S24,
JCE0624D03, JCE0624D05, JCE0624D12, JCE0624D15, JCE0624D24,
JCE0648S3V3, JCE0648S05, JCE0648S12, JCE0648S15, JCE0648S24,
JCE0648D03, JCE0648D05, JCE0648D12, JCE0648D15, JCE0648D24,
JCE0612S3V3-H, JCE0612S05-H, JCE0612S12-H, JCE0612S15-H, JCE0612S24-H,
JCE0612D03-H, JCE0612D05-H, JCE0612D12-H, JCE0612D15-H, JCE0612D24-H,



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JCE0624S3V3-H, JCE0624S05-H, JCE0624S12-H, JCE0624S15-H, JCE0624S24-H,
JCE0624D03-H, JCE0624D05-H, JCE0624D12-H, JCE0624D15-H, JCE0624D24-H,
JCE0648S3V3-H, JCE0648S05-H, JCE0648S12-H, JCE0648S15-H, JCE0648S24-H,
JCE0648D03-H, JCE0648D05-H, JCE0648D12-H, JCE0648D15-H, JCE0648D24-H,
ITW0505SA, ITW0512SA, ITW0515SA, ITW0524SA, ITW0512S, ITW0515S,
ITW1205SA, ITW1212SA, ITW1215SA, ITW1224SA, ITW1212S, ITW1215S,
ITW2405SA, ITW2412SA, ITW2415SA, ITW2424SA, ITW2412S, ITW2415S,
ITW4805SA, ITW4812SA, ITW4815SA, ITW4824SA, ITW4812S, ITW4815S,
IB0303S, IB0305S, IB0307S, IB0309S, IB0312S, IB0315S, IB0318S, IB0324S,
IB0503S, IB0505S, IB0507S, IB0509S, IB0512S, IB0515S, IB0518S, IB0524S,
IB1203S, IB1205S, IB1207S, IB1209S, IB1212S, IB1215S, IB1218S, IB1224S,
IB1503S, IB1505S, IB1507S, IB1509S, IB1512S, IB1515S, IB1518S, IB1524S,
IB2403S, IB2405S, IB2407S, IB2409S, IB2412S, IB2415S, IB2418S, IB2424S,
IB4803S, IB4805S, IB4807S, IB4809S, IB4812S, IB4815S, IB4818S, IB4824S,
IV0303SA, IV0305SA, IV0307SA, IV0309SA, IV0312SA, IV0315SA, IV0318SA,
IV0324SA, IV0503SA, IV0505SA, IV0507SA, IV0509SA, IV0512SA, IV0515SA,
IV0518SA, IV0524SA, IV1203SA, IV1205SA, IV1207SA, IV1209SA, IV1212SA,
IV1215SA, IV1218SA, IV1224SA, IV1503SA, IV1505SA, IV1507SA, IV1509SA,
IV1512SA, IV1515SA, IV1518SA, IV1524SA, IV2403SA, IV2405SA, IV2407SA,
IV2409SA, IV2412SA, IV2415SA, IV2418SA, IV2424SA, IV4803SA, IV4805SA,
IV4807SA, IV4809SA, IV4812SA, IV4815SA, IV4818SA, IV4824SA, IV0303SA-H4,
IV0305SA-H4, IV0307SA-H4, IV0309SA-H4, IV0312SA-H4, IV0315SA-H4,
IV0318SA-H4, IV0324SA-H4, IV0503SA-H4, IV0505SA-H4, IV0507SA-H4,
IV0509SA-H4, IV0512SA-H4, IV0515SA-H4, IV0518SA-H4, IV0524SA-H4,
IV1203SA-H4, IV1205SA-H4, IV1207SA-H4, IV1209SA-H4, IV1212SA-H4,
IV1215SA-H4, IV1218SA-H4, IV1224SA-H4, IV1503SA-H4, IV1505SA-H4,
IV1507SA-H4, IV1509SA-H4, IV1512SA-H4, IV1515SA-H4, IV1518SA-H4,
IV1524SA-H4, IV2403SA-H4, IV2405SA-H4, IV2407SA-H4, IV2409SA-H4,
IV2412SA-H4, IV2415SA-H4, IV2418SA-H4, IV2424SA-H4, IV4803SA-H4,
IV4805SA-H4, IV4807SA-H4, IV4809SA-H4, IV4812SA-H4, IV4815SA-H4,
IV4818SA-H4, IV4824SA-H4, IV0303SA-H5, IV0305SA-H5, IV0307SA-H5,
IV0309SA-H5, IV0312SA-H5, IV0315SA-H5, IV0318SA-H5, IV0324SA-H5,
IV0503SA-H5, IV0505SA-H5, IV0507SA-H5, IV0509SA-H5, IV0512SA-H5,
IV0515SA-H5, IV0518SA-H5, IV0524SA-H5, IV1203SA-H5, IV1205SA-H5,

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IV1207SA-H5, IV1209SA-H5, IV1212SA-H5, IV1215SA-H5, IV1218SA-H5, IV1224SA-H5, IV1503SA-H5, IV1505SA-H5, IV1507SA-H5, IV1509SA-H5, IV1512SA-H5, IV1515SA-H5, IV1518SA-H5, IV1524SA-H5, IV2403SA-H5, IV2405SA-H5, IV2407SA-H5, IV2409SA-H5, IV2412SA-H5, IV2415SA-H5, IV2418SA-H5, IV2424SA-H5, IV4803SA-H5, IV4805SA-H5, IV4807SA-H5, IV4809SA-H5, IV4812SA-H5, IV4815SA-H5, IV4818SA-H5, IV4824SA-H5, IV0303SA-H6, IV0305SA-H6, IV0307SA-H6, IV0309SA-H6, IV0312SA-H6, IV0315SA-H6, IV0318SA-H6, IV0324SA-H6, IV0503SA-H6, IV0505SA-H6, IV0507SA-H6, IV0509SA-H6, IV0512SA-H6, IV0515SA-H6, IV0518SA-H6, IV0524SA-H6, IV1203SA-H6, IV1205SA-H6, IV1207SA-H6, IV1209SA-H6, IV1212SA-H6, IV1215SA-H6, IV1218SA-H6, IV1224SA-H6, IV1503SA-H6, IV1505SA-H6, IV1507SA-H6, IV1509SA-H6, IV1512SA-H6, IV1515SA-H6, IV1518SA-H6, IV1524SA-H6, IV2403SA-H6, IV2405SA-H6, IV2407SA-H6, IV2409SA-H6, IV2412SA-H6, IV2415SA-H6, IV2418SA-H6, IV2424SA-H6, IV4803SA-H6, IV4805SA-H6, IV4807SA-H6, IV4809SA-H6, IV4812SA-H6, IV4815SA-H6, IV4818SA-H6, IV4824SA-H6, IA0303S, IA0305S, IA0307S, IA0309S, IA0312S, IA0315S, IA0318S, IA0324S, IA0503S, IA0505S, IA0507S, IA0509S, IA0512S, IA0515S, IA0518S, IA0524S, IA1203S, IA1205S, IA1207S, IA1209S, IA1212S, IA1215S, IA1218S, IA1224S, IA1503S, IA1505S, IA1507S, IA1509S, IA1512S, IA1515S, IA1518S, IA1524S, IA2403S, IA2405S, IA2407S, IA2409S, IA2412S, IA2415S, IA2418S, IA2424S, IA4803S, IA4805S, IA4807S, IA4809S, IA4812S, IA4815S, IA4818S, IA4824S, IV0303S, IV0305S, IV0307S, IV0309S, IV0312S, IV0315S, IV0318S, IV0324S, IV0503S, IV0505S, IV0507S, IV0509S, IV0512S, IV0515S, IV0518S, IV0524S, IV1203S, IV1205S, IV1207S, IV1209S, IV1212S, IV1215S, IV1218S, IV1224S, IV1503S, IV1505S, IV1507S, IV1509S, IV1512S, IV1515S, IV1518S, IV1524S, IV2403S, IV2405S, IV2407S, IV2409S, IV2412S, IV2415S, IV2418S, IV2424S, IV4803S, IV4805S, IV4807S, IV4809S, IV4812S, IV4815S, IV4818S, IV4824S, IV0303S-H4, IV0305S-H4, IV0307S-H4, IV0309S-H4, IV0312S-H4, IV0315S-H4, IV0318S-H4, IV0324S-H4, IV0503S-H4, IV0505S-H4, IV0507S-H4, IV0509S-H4, IV0512S-H4, IV0515S-H4, IV0518S-H4, IV0524S-H4, IV1203S-H4, IV1205S-H4, IV1207S-H4, IV1209S-H4, IV1212S-H4, IV1215S-H4, IV1218S-H4, IV1224S-H4, IV1503S-H4, IV1505S-H4, IV1507S-H4, IV1509S-H4, IV1512S-H4, IV1515S-H4, IV1518S-H4, IV1524S-H4, IV2403S-H4, IV2405S-H4, IV2407S-H4, IV2409S-H4, IV2412S-H4, IV2415S-H4, IV2418S-H4,



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IV2424S-H4, IV4803S-H4, IV4805S-H4, IV4807S-H4, IV4809S-H4, IV4812S-H4, IV4815S-H4, IV4818S-H4, IV4824S-H4, IV0303S-H5, IV0305S-H5, IV0307S-H5, IV0309S-H5, IV0312S-H5, IV0315S-H5, IV0318S-H5, IV0324S-H5, IV0503S-H5, IV0505S-H5, IV0507S-H5, IV0509S-H5, IV0512S-H5, IV0515S-H5, IV0518S-H5, IV0524S-H5, IV1203S-H5, IV1205S-H5, IV1207S-H5, IV1209S-H5, IV1212S-H5, IV1215S-H5, IV1218S-H5, IV1224S-H5, IV1503S-H5, IV1505S-H5, IV1507S-H5, IV1509S-H5, IV1512S-H5, IV1515S-H5, IV1518S-H5, IV1524S-H5, IV2403S-H5, IV2405S-H5, IV2407S-H5, IV2409S-H5, IV2412S-H5, IV2415S-H5, IV2418S-H5, IV2424S-H5, IV4803S-H5, IV4805S-H5, IV4807S-H5, IV4809S-H5, IV4812S-H5, IV4815S-H5, IV4818S-H5, IV4824S-H5, IV0303S-H6, IV0305S-H6, IV0307S-H6, IV0309S-H6, IV0312S-H6, IV0315S-H6, IV0318S-H6, IV0324S-H6, IV0503S-H6, IV0505S-H6, IV0507S-H6, IV0509S-H6, IV0512S-H6, IV0515S-H6, IV0518S-H6, IV0524S-H6, IV1203S-H6, IV1205S-H6, IV1207S-H6, IV1209S-H6, IV1212S-H6, IV1215S-H6, IV1218S-H6, IV1224S-H6, IV1503S-H6, IV1505S-H6, IV1507S-H6, IV1509S-H6, IV1512S-H6, IV1515S-H6, IV1518S-H6, IV1524S-H6, IV2403S-H6, IV2405S-H6, IV2407S-H6, IV2409S-H6, IV2412S-H6, IV2415S-H6, IV2418S-H6, IV2424S-H6, IV4803S-H6, IV4805S-H6, IV4807S-H6, IV4809S-H6, IV4812S-H6, IV4815S-H6, IV4818S-H6, IV4824S-H6, IB0303D, IB0305D, IB0307D, IB0309D, IB0312D, IB0315D, IB0318D, IB0324D, IB0503D, IB0505D, IB0507D, IB0509D, IB0512D, IB0515D, IB0518D, IB0524D, IB1203D, IB1205D, IB1207D, IB1209D, IB1212D, IB1215D, IB1218D, IB1224D, IB1503D, IB1505D, IB1507D, IB1509D, IB1512D, IB1515D, IB1518D, IB1524D, IB2403D, IB2405D, IB2407D, IB2409D, IB2412D, IB2415D, IB2418D, IB2424D, IB4803D, IB4805D, IB4807D, IB4809D, IB4812D, IB4815D, IB4818D, IB4824D, IV0303DA, IV0305DA, IV0307DA, IV0309DA, IV0312DA, IV0315DA, IV0318DA, IV0324DA, IV0503DA, IV0505DA, IV0507DA, IV0509DA, IV0512DA, IV0515DA, IV0518DA, IV0524DA, IV1203DA, IV1205DA, IV1207DA, IV1209DA, IV1212DA, IV1215DA, IV1218DA, IV1224DA, IV1503DA, IV1505DA, IV1507DA, IV1509DA, IV1512DA, IV1515DA, IV1518DA, IV1524DA, IV2403DA, IV2405DA, IV2407DA, IV2409DA, IV2412DA, IV2415DA, IV2418DA, IV2424DA, IV4803DA, IV4805DA, IV4807DA, IV4809DA, IV4812DA, IV4815DA, IV4818DA, IV4824DA, IV0303DA-H4, IV0305DA-H4, IV0307DA-H4, IV0309DA-H4, IV0312DA-H4, IV0315DA-H4, IV0318DA-H4, IV0324DA-H4, IV0503DA-H4, IV0505DA-H4, IV0507DA-H4, IV0509DA-H4, IV0512DA-H4, IV0515DA-H4, IV0518DA-H4, IV0524DA-H4, IV1203DA-H4, IV1205DA-H4, IV1207DA-H4,

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IV1209DA-H4, IV1212DA-H4, IV1215DA-H4, IV1218DA-H4, IV1224DA-H4, IV1503DA-H4, IV1505DA-H4, IV1507DA-H4, IV1509DA-H4, IV1512DA-H4, IV1515DA-H4, IV1518DA-H4, IV1524DA-H4, IV2403DA-H4, IV2405DA-H4, IV2407DA-H4, IV2409DA-H4, IV2412DA-H4, IV2415DA-H4, IV2418DA-H4, IV2424DA-H4, IV4803DA-H4, IV4805DA-H4, IV4807DA-H4, IV4809DA-H4, IV4812DA-H4, IV4815DA-H4, IV4818DA-H4, IV4824DA-H4, IV0303DA-H5, IV0305DA-H5, IV0307DA-H5, IV0309DA-H5, IV0312DA-H5, IV0315DA-H5, IV0318DA-H5, IV0324DA-H5, IV0503DA-H5, IV0505DA-H5, IV0507DA-H5, IV0509DA-H5, IV0512DA-H5, IV0515DA-H5, IV0518DA-H5, IV0524DA-H5, IV1203DA-H5, IV1205DA-H5, IV1207DA-H5, IV1209DA-H5, IV1212DA-H5, IV1215DA-H5, IV1218DA-H5, IV1224DA-H5, IV1503DA-H5, IV1505DA-H5, IV1507DA-H5, IV1509DA-H5, IV1512DA-H5, IV1515DA-H5, IV1518DA-H5, IV1524DA-H5, IV2403DA-H5, IV2405DA-H5, IV2407DA-H5, IV2409DA-H5, IV2412DA-H5, IV2415DA-H5, IV2418DA-H5, IV2424DA-H5, IV4803DA-H5, IV4805DA-H5, IV4807DA-H5, IV4809DA-H5, IV4812DA-H5, IV4815DA-H5, IV4818DA-H5, IV4824DA-H5, IV0303DA-H6, IV0305DA-H6, IV0307DA-H6, IV0309DA-H6, IV0312DA-H6, IV0315DA-H6, IV0318DA-H6, IV0324DA-H6, IV0503DA-H6, IV0505DA-H6, IV0507DA-H6, IV0509DA-H6, IV0512DA-H6, IV0515DA-H6, IV0518DA-H6, IV0524DA-H6, IV1203DA-H6, IV1205DA-H6, IV1207DA-H6, IV1209DA-H6, IV1212DA-H6, IV1215DA-H6, IV1218DA-H6, IV1224DA-H6, IV1503DA-H6, IV1505DA-H6, IV1507DA-H6, IV1509DA-H6, IV1512DA-H6, IV1515DA-H6, IV1518DA-H6, IV1524DA-H6, IV2403DA-H6, IV2405DA-H6, IV2407DA-H6, IV2409DA-H6, IV2412DA-H6, IV2415DA-H6, IV2418DA-H6, IV2424DA-H6, IV4803DA-H6, IV4805DA-H6, IV4807DA-H6, IV4809DA-H6, IV4812DA-H6, IV4815DA-H6, IV4818DA-H6, IV4824DA-H6, IA0303D, IA0305D, IA0307D, IA0309D, IA0312D, IA0315D, IA0318D, IA0324D, IA0503D, IA0505D, IA0507D, IA0509D, IA0512D, IA0515D, IA0518D, IA0524D, IA1203D, IA1205D, IA1207D, IA1209D, IA1212D, IA1215D, IA1218D, IA1224D, IA1503D, IA1505D, IA1507D, IA1509D, IA1512D, IA1515D, IA1518D, IA1524D, IA2403D, IA2405D, IA2407D, IA2409D, IA2412D, IA2415D, IA2418D, IA2424D, IA4803D, IA4805D, IA4807D, IA4809D, IA4812D, IA4815D, IA4818D, IA4824D, IV0303D, IV0305D, IV0307D, IV0309D, IV0312D, IV0315D, IV0318D, IV0324D, IV0503D, IV0505D, IV0507D, IV0509D, IV0512D, IV0515D, IV0518D, IV0524D, IV1203D, IV1205D, IV1207D, IV1209D, IV1212D, IV1215D, IV1218D, IV1224D, IV1503D,

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IV1505D, IV1507D, IV1509D, IV1512D, IV1515D, IV1518D, IV1524D, IV2403D, IV2405D, IV2407D, IV2409D, IV2412D, IV2415D, IV2418D, IV2424D, IV4803D, IV4805D, IV4807D, IV4809D, IV4812D, IV4815D, IV4818D, IV4824D, IV0303D-H4, IV0305D-H4, IV0307D-H4, IV0309D-H4, IV0312D-H4, IV0315D-H4, IV0318D-H4, IV0324D-H4, IV0503D-H4, IV0505D-H4, IV0507D-H4, IV0509D-H4, IV0512D-H4, IV0515D-H4, IV0518D-H4, IV0524D-H4, IV1203D-H4, IV1205D-H4, IV1207D-H4, IV1209D-H4, IV1212D-H4, IV1215D-H4, IV1218D-H4, IV1224D-H4, IV1503D-H4, IV1505D-H4, IV1507D-H4, IV1509D-H4, IV1512D-H4, IV1515D-H4, IV1518D-H4, IV1524D-H4, IV2403D-H4, IV2405D-H4, IV2407D-H4, IV2409D-H4, IV2412D-H4, IV2415D-H4, IV2418D-H4, IV2424D-H4, IV4803D-H4, IV4805D-H4, IV4807D-H4, IV4809D-H4, IV4812D-H4, IV4815D-H4, IV4818D-H4, IV4824D-H4, IV0303D-H5, IV0305D-H5, IV0307D-H5, IV0309D-H5, IV0312D-H5, IV0315D-H5, IV0318D-H5, IV0324D-H5, IV0503D-H5, IV0505D-H5, IV0507D-H5, IV0509D-H5, IV0512D-H5, IV0515D-H5, IV0518D-H5, IV0524D-H5, IV1203D-H5, IV1205D-H5, IV1207D-H5, IV1209D-H5, IV1212D-H5, IV1215D-H5, IV1218D-H5, IV1224D-H5, IV1503D-H5, IV1505D-H5, IV1507D-H5, IV1509D-H5, IV1512D-H5, IV1515D-H5, IV1518D-H5, IV1524D-H5, IV2403D-H5, IV2405D-H5, IV2407D-H5, IV2409D-H5, IV2412D-H5, IV2415D-H5, IV2418D-H5, IV2424D-H5, IV4803D-H5, IV4805D-H5, IV4807D-H5, IV4809D-H5, IV4812D-H5, IV4815D-H5, IV4818D-H5, IV4824D-H5, IV0303D-H6, IV0305D-H6, IV0307D-H6, IV0309D-H6, IV0312D-H6, IV0315D-H6, IV0318D-H6, IV0324D-H6, IV0503D-H6, IV0505D-H6, IV0507D-H6, IV0509D-H6, IV0512D-H6, IV0515D-H6, IV0518D-H6, IV0524D-H6, IV1203D-H6, IV1205D-H6, IV1207D-H6, IV1209D-H6, IV1212D-H6, IV1215D-H6, IV1218D-H6, IV1224D-H6, IV1503D-H6, IV1505D-H6, IV1507D-H6, IV1509D-H6, IV1512D-H6, IV1515D-H6, IV1518D-H6, IV1524D-H6, IV2403D-H6, IV2405D-H6, IV2407D-H6, IV2409D-H6, IV2412D-H6, IV2415D-H6, IV2418D-H6, IV2424D-H6, IV4803D-H6, IV4805D-H6, IV4807D-H6, IV4809D-H6, IV4812D-H6, IV4815D-H6, IV4818D-H6, IV4824D-H6, IT2403SA, IT2405SA, IT2412SA, IT2415SA, IT4803SA, IT4805SA, IT4812SA, IT4815SA, IT2405S, IT2412S, IT2415S, IT4805S, IT4812S, IT4815S, IM2403SA, IM2405SA, IM2412SA, IM2415SA, IM4803SA, IM4805SA, IM4812SA, IM4815SA, IM2405S, IM2412S, IM2415S, IM4805S, IM4812S, IM4815S, JCH1012S3V3, JCH1012S05, JCH1012S7V2, JCH1012S09, JCH1012S12, JCH1012S15, JCH1012S18, JCH1012S24, JCH1012D03, JCH1012D05, JCH1012D07, JCH1012D09, JCH1012D12, JCH1012D15, JCH1012D18, JCH1012D24, JCH1024S3V3,

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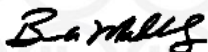


CERTIFICATE OF COMPLIANCE

Certificate Number 20170824-E317867
Report Reference E317867-20140717
Issue Date 2017-AUGUST-25

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

JCH1024S05, JCH1024S7V2, JCH1024S09, JCH1024S12, JCH1024S15,
JCH1024S18, JCH1024S24, JCH1024D03, JCH1024D05, JCH1024D07,
JCH1024D09, JCH1024D12, JCH1024D15, JCH1024D18, JCH1024D24,
JCH1048S3V3, JCH1048S05, JCH1048S7V2, JCH1048S09, JCH1048S12,
JCH1048S15, JCH1048S18, JCH1048S24, JCH1048D03, JCH1048D05,
JCH1048D07, JCH1048D09, JCH1048D12, JCH1048D15, JCH1048D18,
JCH1048D24, JTH1524S3V3, JTH1524S05, JTH1524S7V2, JTH1524S09,
JTH1524S12, JTH1524S15, JTH1524D05, JTH1524D07, JTH1524D09, JTH1524D12,
JTH1524D15, JTH1548S3V3, JTH1548S05, JTH1548S7V2, JTH1548S09,
JTH1548S12, JTH1548S15, JTH1548D05, JTH1548D07, JTH1548D09, JTH1548D12,
JTH1548D15, JTH1524S3V3-R, JTH1524S05-R, JTH1524S7V2-R, JTH1524S09-R,
JTH1524S12-R, JTH1524S15-R, JTH1524D05-R, JTH1524D07-R, JTH1524D09-R,
JTH1524D12-R, JTH1524D15-R, JTH1548S3V3-R, JTH1548S05-R, JTH1548S7V2-R,
JTH1548S09-R, JTH1548S12-R, JTH1548S15-R, JTH1548D05-R, JTH1548D07-R,
JTH1548D09-R, JTH1548D12-R, JTH1548D15-R, JTK1524S3V3, JTK1524S05,
JTK1524S12, JTK1524S15, JTK1548S3V3, JTK1548S05, JTK1548S12, JTK1548S15,
JTK1524D05, JTK1524D12, JTK1524D15, JTK1548D05, JTK1548D12, JTK1548D15,
JTK2024S3V3, JTK2024S05, JTK2024S12, JTK2024S15, JTK2048S3V3,
JTK2048S05, JTK2048S12, JTK2048S15, JTK2024D12, JTK2024D15, JTK2048D12,
JTK2048D15, JCM1512S3V3, JCM1512S05, JCM1512S12, JCM1512S15,
JCM1524S3V3, JCM1524S05, JCM1524S12, JCM1524S15, JCM1548S3V3,
JCM1548S05, JCM1548S12, JCM1548S15, JCM1512D05, JCM1512D12,
JCM1512D15, JCM1524D05, JCM1524D12, JCM1524D15, JCM1548D05,
JCM1548D12, JCM15489D15, JCM2012S3V3, JCM2012S05, JCM2012S12,
JCM2012S15, JCM2024S3V3, JCM2024S05, JCM2024S12, JCM2024S15,
JCM2048S3V3, JCM2048S05, JCM2048S12, JCM2048S15, JCM2012D12,
JCM2012D15, JCM2024D12, JCM2024D15, JCM2048D12, JCM2048D15



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Issue Date 2017-AUGUST-25

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JCM3012S3V3, JCM3012S05, JCM3012S12, JCM3012S15, JCM3012D12, JCM3012D15, JCM3024S3V3, JCM3024S05, JCM3024S12, JCM3024S15, JCM3024D12, JCM3024D15, JCM3048S3V3, JCM3048S05, JCM3048S12, JCM3048S15, JCM3048D12, JCM3048D15, JCM3012S3V3-HK, JCM3012S05-HK, JCM3012S12-HK, JCM3012S15-HK, JCM3024S3V3-HK, JCM3024S05-HK, JCM3024S12-HK, JCM3024S15-HK, JCM3048S3V3-HK, JCM3048S05-HK, JCM3048S12-HK, JCM3048S15-HK, JCM3012D12-HK, JCM3012D15-HK, JCM3024D12-HK, JCM3024D15-HK, JCM3048D12-HK, JCM3048D15-HK, JTK3024S3V3, JTK3024S05, JTK3024S12, JTK3024S15, JTK3024D12, JTK3024D15, JTK3048S3V3, JTK3048S05, JTK3048S12, JTK3048S15, JTK3048D12, JTK3048D15, JTK3024S3V3-HK, JTK3024S05-HK, JTK3024S12-HK, JTK3024S15-HK, JTK3048S3V3-HK, JTK3048S05-HK, JTK3048S12-HK, JTK3048S15-HK, JTK3024D12-HK, JTK3024D15-HK, JTK3048D12-HK, JTK3048D15-HK.

ISD0103S3V3, ISD0103S05, ISD0105S3V3, ISD0105S05, ISD0103D3V3, ISD0103D05, ISD0105D3V3, ISD0105D05, ISD0103S3V3-TR, ISD0103S05-TR, ISD0105S3V3-TR, ISD0105S05-TR, ISD0103D3V3-TR, ISD0103D05-TR, ISD0105D3V3-TR, ISD0105D05-TR



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Covered for QQJQ2 and QQJQ8

IT2403SA, IT2405SA, IT2412SA, IT2415SA, IT4803SA, IT4805SA, IT4812SA, IT4815SA, IT2405S, IT2412S, IT2415S, IT4805S, IT4812S, IT4815S, IM2403SA, IM2405SA, IM2412SA, IM2415SA, IM4803SA, IM4805SA, IM4812SA, IM4815SA, IM2405S, IM2412S, IM2415S, IM4805S, IM4812S, IM4815S, JCH1012S3V3, JCH1012S05, JCH1012S7V2, JCH1012S09, JCH1012S12, JCH1012S15, JCH1012S18, JCH1012S24, JCH1012D03, JCH1012D05, JCH1012D07, JCH1012D09, JCH1012D12, JCH1012D15, JCH1012D18, JCH1012D24, JCH1024S3V3,

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JCM1548D12, JCM15489D15, JCM2012S3V3, JCM2012S05, JCM2012S12, JCM2012S15, JCM2024S3V3, JCM2024S05, JCM2024S12, JCM2024S15, JCM2048S3V3, JCM2048S05, JCM2048S12, JCM2048S15, JCM2012D12, JCM2012D15, JCM2024D12, JCM2024D15, JCM2048D12, JCM2048D15

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ISD0103S3V3, ISD0103S05, ISD0105S3V3, ISD0105S05, ISD0103D3V3, ISD0103D05, ISD0105D3V3, ISD0105D05, ISD0103S3V3-TR, ISD0103S05-TR, ISD0105S3V3-TR, ISD0105S05-TR, ISD0103D3V3-TR, ISD0103D05-TR, ISD0105D3V3-TR, ISD0105D05-TR



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