

# CERTIFICATE OF COMPLIANCE

**Certificate Number** UL-CA-L486870-32-91217102-1  
**Report Reference** E486870-20171219  
**Date** 2-Sep-2021

**Issued to:** ABB Power Electronics Inc  
601 SHILOH RD PLANO, TX  
United States 75074-7210

**This is to certify that  
representative samples of**

QQFU7 - Power Supplies, General Purpose Certified for  
Canada

See Addendum Page for Product Designation(s).

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

**Standard(s) for Safety:** CSA C22.2 NO. 107.1-16, 4th Ed., Issue Date: 2016-06-01

**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 Mark. Only the UL Follow-Up Services Procedure provides authorization to apply the UL Mark.

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

Look for the UL Certification 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/>



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**Report Reference** E486870-20171219  
**Date** 2-Sep-2021

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
IFC-125V, followed by "blank" or -H3, -H3-Cr, -H3-L, -H3-B, -H3-B-L, -H3-Cr-L, -H3-Cr-B, -H3-Cr-B-L,, -YYT, -YYT-L, -YYT-Cr, -YYT-Cr-L, -YYT-M, -YYT-M-L, -YYT-M-Cr, -YYT-M-Cr-L, -M, -Cr, -L, -B, -M-Cr, -M-L, -Cr-L, -Cr-B, -B-L, -D(ww), -D(ww)-L, -D(ww)-Cr, or -D(ww)-Cr-L, option letters in any order, followed by any non-safety affecting alpha-numeric suffix(es). Option letters: (YYY=415 or 480, T=transformer, M=motor starter, B=included battery shelves, D(ww)=DC distribution only (optional (ww)=blank or 2-digit number denoting cabinet width, in inches), Cr=with diode(s), L=with load-shedding DC panel(s)	Power Supply
IFC-24V, followed by "blank" or -YYT, -YYT-Cr, -YYT-L, -YYT-Cr-L, -L, -Cr, -Cr-L, -D(ww), -D(ww)-L, -D(ww)-Cr, or -D(ww)-Cr-L, option letters in any order, followed by "blank" or any non-safety affecting alpha-numeric suffix(es). Option letters: (YYY=415 or 480, T=transformer, M=motor starter, B=included battery shelves, D(ww)=DC distribution only (optional (ww)=blank or 2-digit number denoting cabinet width, in inches), Cr=with diode(s), L=with load-shedding DC panel(s)	Power Supply
IFC-24V/24V, followed by "blank" or -YYT, -YYT-Cr, -YYT-L, -YYT-Cr-L, -L, -Cr, or -Cr-L, option letters in any order, followed by "blank" or any non-safety affecting alpha-numeric suffix(es). Option letters: (YYY=415 or 480, T=transformer, M=motor starter, B=included battery shelves, D(ww)=DC distribution only (optional (ww)=blank or 2-digit number denoting cabinet width, in inches), Cr=with diode(s), L=with load-shedding DC panel(s)	Power Supply
IFC-48V, followed by "blank" or -YYT, -YYT-Cr, -YYT-L, -YYT-Cr-L, -L, -Cr, -B, -Cr-B, -Cr-L, -Cr-L-B, -D(ww), -D(ww)-L, -D(ww)-Cr, or -D(ww)-Cr-L, option letters in any order, followed by "blank" or any non-safety affecting alpha-numeric suffix(es). Option letters: (YYY=415 or 480, T=transformer, M=motor starter, B=included battery shelves, D(ww)=DC distribution only (optional (ww)=blank or 2-digit number denoting cabinet	Power Supply



Bruce Mahrenholz, Director North American Certification Program

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**Date** 2-Sep-2021

width, in inches), Cr=with diode(s), L=with load-shedding DC panel(s)	
IFC-48V/48V, followed by "blank" or -YYT, -YYT-Cr, -YYT-L, -YYT-Cr-L, -L, -Cr, or -Cr-L, option letters in any order, followed by "blank" or any non-safety affecting alpha-numeric suffix(es). Option letters: (YYY=415 or 480, T=transformer, M=motor starter, B=included battery shelves, D(ww)=DC distribution only (optional (ww)=blank or 2-digit number denoting cabinet width, in inches), Cr=with diode(s), L=with load-shedding DC panel(s)	Power Supply



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# CERTIFICATE OF COMPLIANCE

**Certificate Number** UL-US-L486870-12-91217102-1  
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**Date** 2-Sep-2021

**Issued to:** ABB Power Electronics Inc  
601 SHILOH RD PLANO, TX  
United States 75074-7210

**This is to certify that  
representative samples of**

QQFU - Power Supplies, General Purpose  
See Addendum Page for Product Designation(s).

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

**Standard(s) for Safety:** UL 1012, 8th Ed., Issue Date: 2010-11-09, Revision Date:  
2016-04-08

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

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Model	Category Description
IFC-125V, followed by "blank" or -H3, -H3-Cr, -H3-L, -H3-B, -H3-B-L, -H3-Cr-L, -H3-Cr-B, -H3-Cr-B-L,, -YYT, -YYT-L, -YYT-Cr, -YYT-Cr-L, -YYT-M, -YYT-M-L, -YYT-M-Cr, -YYT-M-Cr-L, -M, -Cr, -L, -B, -M-Cr, -M-L, -Cr-L, -Cr-B, -B-L, -D(ww), -D(ww)-L, -D(ww)-Cr, or -D(ww)-Cr-L, option letters in any order, followed by any non-safety affecting alpha-numeric suffix(es). Option letters: (YYY=415 or 480, T=transformer, M=motor starter, B=included battery shelves, D(ww)=DC distribution only (optional (ww)=blank or 2-digit number denoting cabinet width, in inches), Cr=with diode(s), L=with load-shedding DC panel(s)	Power Supply
IFC-24V, followed by "blank" or -YYT, -YYT-Cr, -YYT-L, -YYT-Cr-L, -L, -Cr, -Cr-L, -D(ww), -D(ww)-L, -D(ww)-Cr, or -D(ww)-Cr-L, option letters in any order, followed by "blank" or any non-safety affecting alpha-numeric suffix(es). Option letters: (YYY=415 or 480, T=transformer, M=motor starter, B=included battery shelves, D(ww)=DC distribution only (optional (ww)=blank or 2-digit number denoting cabinet width, in inches), Cr=with diode(s), L=with load-shedding DC panel(s)	Power Supply
IFC-24V/24V, followed by "blank" or -YYT, -YYT-Cr, -YYT-L, -YYT-Cr-L, -L, -Cr, or -Cr-L, option letters in any order, followed by "blank" or any non-safety affecting alpha-numeric suffix(es). Option letters: (YYY=415 or 480, T=transformer, M=motor starter, B=included battery shelves, D(ww)=DC distribution only (optional (ww)=blank or 2-digit number denoting cabinet width, in inches), Cr=with diode(s), L=with load-shedding DC panel(s)	Power Supply
IFC-48V, followed by "blank" or -YYT, -YYT-Cr, -YYT-L, -YYT-Cr-L, -L, -Cr, -B, -Cr-B, -Cr-L, -Cr-L-B, -D(ww), -D(ww)-L, -D(ww)-Cr, or -D(ww)-Cr-L, option letters in any order, followed by "blank" or any non-safety affecting alpha-numeric suffix(es). Option letters: (YYY=415 or 480, T=transformer, M=motor starter, B=included battery shelves, D(ww)=DC distribution only (optional (ww)=blank or 2-digit number denoting cabinet	Power Supply



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width, in inches), Cr=with diode(s), L=with load-shedding DC panel(s)	
IFC-48V/48V, followed by "blank" or -YYT, -YYT-Cr, -YYT-L, -YYT-Cr-L, -L, -Cr, or -Cr-L, option letters in any order, followed by "blank" or any non-safety affecting alpha-numeric suffix(es). Option letters: (YYY=415 or 480, T=transformer, M=motor starter, B=included battery shelves, D(ww)=DC distribution only (optional (ww)=blank or 2-digit number denoting cabinet width, in inches), Cr=with diode(s), L=with load-shedding DC panel(s)	Power Supply



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NOTICE OF COMPLETION  
AND  
AUTHORIZATION TO APPLY THE UL MARK



2021-11-12

James Brown  
ABB Power Electronics Inc  
601 SHILOH RD  
PLANO, TX, 75074-7210, US

Your Reference: 2472649694  
Our Reference: File E486870, Volume 2                      Order: 14068336  
   Project: 4790166218  
Project Scope: 1102113420 // 21CTDP022 // E486870(QQFU) Vol 2 Sec 2 // new version of the  
transformer used in multiple models

Dear James Brown:

UL has completed the investigation under the above project and confirmed compliance of your product(s) with UL requirements. We appreciate that you have a choice of certification providers and thank you for choosing UL.

This letter temporarily supplements the UL Follow-Up Services Procedure and serves as authorization to apply the UL Mark at the factory location(s) identified on the Authorization Page of UL File E486870, Volume 2. You are required to send a copy of this letter to all manufacturing locations authorized under UL File E486870, Volume 2.

The Follow-Up Services Procedure covering your product(s) will typically be provided by UL within 10 business days. Any information and documentation provided to you involving the UL Mark services are provided on behalf of UL LLC (UL) or any authorized licensee of UL.

Products that bear the UL Mark must be identical to those submitted to UL for evaluation and certification and must comply with the Follow-Up Services Procedure covering your product(s). Additional requirements related to the responsibilities of the Applicant and Manufacturer can be found under **Additional Resources** at <https://www.ul.com/fus>.

A UL certification is a valuable marketing tool meaning your product or company has successfully met stringent requirements. We encourage you to use your UL Mark and certification in your marketing activities. You can find information on how to accurately promote your UL certification at <https://www.ul.com/marketing>.

If you have any questions, please contact me or any of our customer service representatives. And, congratulations again on your achievement!

Sincerely,

Rachel Hess  
Project Engineer  
UL LLC  
Rachel.Hess@ul.com

Bruce A. Mahrenholz  
Director, Conformity Assessment Programs (CPO)  
UL LLC  
Bruce.A.Mahrenholz@ul.com

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NOTICE OF COMPLETION  
AND  
AUTHORIZATION TO APPLY THE UL MARK



2023-11-27

James Brown  
ABB Power Electronics Inc  
601 SHILOH RD  
PLANO, TX, 75074-7210, US

Your Reference: 2472729141  
Our Reference: File E486870, Volume 2 Section 2    Order: 14978513  
Project: 4791013778

Project Scope: 2000100450 // 23CTDP023 // E486870(QQFU)vol 2 sec 2 // Adding IFC-48V-H3  
with nomenclature -H3, -H3-Cr, -H3-L, -H3-B, -H3-B-L,  
-H3-Cr-L, -H3-Cr-B, -H3-Cr-B-L,

Dear James Brown:

UL has completed the investigation under the above project and confirmed compliance of your product(s) with UL requirements. We appreciate that you have a choice of certification providers and thank you for choosing UL.

This letter temporarily supplements the UL Follow-Up Services Procedure and serves as authorization to apply the UL Mark at the factory location(s) identified on the Authorization Page of UL File , Volume 2. You are required to send a copy of this letter to all manufacturing locations authorized under UL File , Volume 2.

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A UL certification is a valuable marketing tool meaning your product or company has successfully met stringent requirements. We encourage you to use your UL Mark and certification in your marketing activities. You can find information on how to accurately promote your UL certification at <https://www.ul.com/marketing>.

If you have any questions, please contact me or any of our customer service representatives. And, congratulations again on your achievement!



NOTICE OF COMPLETION  
AND  
AUTHORIZATION TO APPLY THE UL MARK



Sincerely,

Shannon Walton  
Staff Engineer  
UL LLC  
Shannon.Walton@ul.com

Deborah Jennings-Conner  
VP Regulatory Services  
UL LLC  
Deborah.Jennings-Conner@ul.com

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