

CERTIFICATE OF COMPLIANCE

Certificate Number UL-US-L137750-144377-41117102-1
Report Reference E137750-201711114
Date 18-Jun-2021

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

**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, 2nd Ed., Issue Date: 2007-03-27, Revision
Date: 2019-05-09

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-US-L137750-144377-41117102-1
Report Reference E137750-201711114
Date 18-Jun-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
EDGE CAB, EDGE CABG4XX and BME80BATT48A, Edgecab Power supply system, Model EDGE CAB, Component System Accessories, DC Distribution Panel, EDGE CABG40XX series where XX=00, 01, 11, 20, 21, or 22 and Battery Modules, BME80BATT48A(y) and BME2500/120VRLA48(y) series where y = Optional alpha numeric suffixes representing non-safety affecting options may be provided.	Power Supplies for AV, ITE, and AVICT Equipment
Power Distribution Unit, J2019001 L001(y), y = Optional alpha numeric suffixes representing non-safety affecting options may be provided).	Power Distribution Unit



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-L137750-164377-41117102-1
Report Reference E137750-201711114
Date 18-Jun-2021

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

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

QQGQ8 - 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-L137750-164377-41117102-1
Report Reference E137750-201711114
Date 18-Jun-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
EDGE CAB, EDGE CABG4XX and BME80BATT48A, Edgecab Power supply system, Model EDGE CAB, Component System Accessories, DC Distribution Panel, EDGE CABG40XX series where XX=00, 01, 11, 20, 21, or 22 and Battery Modules, BME80BATT48A(y) and BME2500/120VRLA48(y) series where y = Optional alpha numeric suffixes representing non-safety affecting options may be provided.	Power Supplies for AV, ITE, and AVICT Equipment
Power Distribution Unit, J2019001 L001(y), y = Optional alpha numeric suffixes representing non-safety affecting options may be provided).	Power Distribution Unit



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/>



NOTICE OF COMPLETION
AND
AUTHORIZATION TO APPLY THE UL MARK



2022-10-07

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

Your Reference: 2472683969
Our Reference: File E137750, Volume Vol 44 Sec 26 Order: 14442854
Project: 4790517180
Project Scope: UL/cUL alt construction to add UL Listed battery modules and R/C accessory PDU's, without testing and adding new model configurations, AC field-wiring input and new stick configurations, and DC bus jumper option, with testing, File E137750, Vol. 44, Sec. 26

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 E137750, Volume Vol 44 Sec 26. You are required to send a copy of this letter to all manufacturing locations authorized under UL File E137750, Volume Vol 44 Sec 26.

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!

NOTICE OF COMPLETION
AND
AUTHORIZATION TO APPLY THE UL MARK



Sincerely,

Edward Martin
Project Engineer
UL LLC
Edward.Martin@ul.com

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

34f75778689547daaf179b6690c4841a