

# CERTIFICATE OF COMPLIANCE

**Certificate Number** 20180727-E475257  
**Report Reference** E475257-20180726  
**Issue Date** 2018-JULY-27

**Issued to:** OutBack Power Technologies  
17825 59th Ave NE, Ste B  
Arlington WA 98223

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

STATIC INVERTERS, CONVERTERS AND  
ACCESSORIES FOR USE IN INDEPENDENT POWER  
SYSTEMS;

PHOTOVOLTAIC DC ARC-FAULT CIRCUIT  
PROTECTION ;

PHOTOVOLTAIC RAPID SHUTDOWN SYSTEM  
EQUIPMENT

See addendum for models.

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

**Standard(s) for Safety:** See addendum for standards.

**Additional Information:** See the UL Online Certifications Directory at  
[www.ul.com/database](http://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.

Look for the UL Certification Mark on the product.



Bruce Mahrenholz, Director North American Certification Program  
UL LLC

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contact a local UL Customer Service Representative at <http://ul.com/aboutul/locations/>



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

SBX5048-120/240 Model inverter.

SBX5048-120/240 Series inverters / converters are intended for DC input from the following sources:

Photovoltaic modules (ungrounded arrays).

Batteries

The input PV source is a functionally grounded array.

The inverter is provided with a transformer to isolate the DC battery input, the PV input is not isolated

Standards for Safety:

UL 1741, INVERTERS, CONVERTERS, CONTROLLERS AND INTERCONNECTION SYSTEM EQUIPMENT FOR USE WITH DISTRIBUTED ENERGY RESOURCES (Utility Interaction requirements)

IEEE 1547, INTERCONNECTING DISTRIBUTED RESOURCES WITH ELECTRIC POWER SYSTEMS

IEEE 1547.1, IEEE STANDARD CONFORMANCE TEST PROCEDURES FOR EQUIPMENT

INTERCONNECTING DISTRIBUTED RESOURCES WITH ELECTRIC POWER SYSTEMS


CAN/CSA C22.2 No. 107.1-3, General Use Power Supplies

Outline Of Investigation, Subject 1699b, Issue No. 2

CSA Technical Information Letter No. M-07, Interim Certification Requirements for Photovoltaic (PV)

Arc-Fault Protection (DC-AFP)

ANSI/UL 1998, Software in Programmable Components



Bruce Mahrenholz, Director North American Certification Program

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