



Product Service

# CERTIFICATE

No. B 013890 3474 Rev. 00

**Holder of Certificate:** **Astec International Ltd.**  
16th Floor, Lu Plaza, 2 Wing Yip Street  
Kwun Tong  
Kowloon  
HONG KONG

**Certification Mark:**



**Product:** **Converter**  
**(DC-DC Converter)**

The product was tested on a voluntary basis and complies with the essential requirements. The certification mark shown above can be affixed on the product. It is not permitted to alter the certification mark in any way. In addition, the certification holder must not transfer the certificate to third parties. This certificate is valid until the listed date, unless it is cancelled earlier. All applicable requirements of the testing and certification regulations of TÜV SÜD Group have to be complied. For details see: [www.tuvsud.com/ps-cert](http://www.tuvsud.com/ps-cert)

**Test report no.:** 6821023110201

**Valid until:** 2028-10-23

**Date,** 2023-10-24

( Yager Bi )



Product Service

# CERTIFICATE

No. B 013890 3474 Rev. 00

**Model(s):** BCQ1300-48S12XXXXXXXXXX  
(where 'X' may be represented by any ASCII character code, number or blank, with no safety impact.)

## Parameters:

Ratings:

DC input: 40-60V, 25A Max.

DC output: +9.6V to +14.5V (respect to input 40-60VDC), 90A

Degree of Protection: IPX0

Remarks:

- When installing the equipment, all requirements of the mentioned standard must be fulfilled.
- Built-in type equipment, suitable enclosure should be provided by end system.
- Maximum operating ambient temperature is 65°C. Refer to the installation and operating instruction from manufacturer for the details of loading condition and operating ambient temperature.
- Functional insulation is provided between input circuit and output circuit/baseplate, 1500VDC hi-pot test voltage performed between input and output circuit/baseplate.
- These built-in converters shall be connected to a source which is insulated from the AC mains supply by double or reinforced insulation.

**Tested according to:** EN IEC 62368-1:2020/A11:2020