

To: Federal Communications Commission
Authorization and Evaluation Division
1435 Oakland Mills Road
Columbia, MD 21046

REDARC Electronics Pty Ltd
ABN 77 136 785 092
23 Brodie Road North,
Lonsdale, South Australia, 5160
Head office: +61 8 8322 4848
power@redarc.com.au
www.redarc.com.au

Date: 07 August 2023

Subject: Variant Declaration – Similarities & Differences

Certification regarding application for certification of FCC: 2BAH6-BCDCX01.

The BCDCX12050 and BCDCX12025 will be submitted under the same application and will be regarded as a family of products.

The tested sample (BCDCX12050) has limited hardware and software differences (to BCDCX12025), please refer to the list below of the similarities and differences:

- The battery charging functionality of the models are the same, apart from the current input and output limits for battery charging. This is determined by the last two digits of the model number. BCDCX12050 relates to the 50-ampere variant and BCDCX12025 relates to the 25-ampere variant.
- The PCBs between the two variants are identical.
- The PCBAs differ by partial loading of the BCDCX12025 power convertor components. All control board and RF components for the intentional transmitter circuitry is identical.
- All labelling on the products is identical, apart from the input and output current rating.

Regards,
Simon Gallasch

Test & Validation Compliance Team Lead

7/08/2023

X 

Simon Gallasch
Test and Validation Compliance Team Lead
Signed by: Simon Gallasch