



Global Product Certification
EMC-EMF Safety Approvals

EMC Technologies Pty. Ltd.

ABN 82 057 105 549

Melbourne

176 Harrick Road
Keilor Park, Vic 3042
Tel: +61 3 9365 1000

Sydney

Unit 3/87 Station Road
Seven Hills, NSW 2147
Tel: +61 2 9624 2777

Email: emc-general@emctech.com.au

Web: www.emctech.com.au

To	Federal Communications Commission
Attention:	Certification Officer
EMCT Ref:	M2210007
Date:	August 8, 2023
Subject:	REDARC Technologies Pty Ltd Request for Original Certification (FCC ID: 2BAH6-BCDCX01)

Product Name:	MPC Engine Bay DC Charger
Model:	BCDCX12050
FCC ID:	2BAH6-BCDCX01
Radio:	Nordic Semiconductor nRF52833 (BLE) Frequency Band: 2400 – 2483.5 MHz
Antenna:	2.4 GHz SMT MID Chip Antenna (Molex – 47980001)
Description:	The BCDCX is an in-vehicle battery charger. Incorporating a 4-stage adaptive charging profile, a refined MPPT algorithm and the ability to monitor and upgrade via the RedVision® App.

Please Note:

Permanent Confidentiality:	Application includes request for permanent confidentiality – Operational Description, Block Diagram, Schematics
Short-Term Confidentiality:	Application includes request for short-term confidentiality – 180 days Internal Photos, External Photos, Test Setup Photos, User Manual
Variant Model:	Application is for two models: BCDCX12050 (50A model), BCDCX12025 (25A model)
Agent:	EMC Technologies is acting as agent for REDARC Technologies in this application.

Regards

Shabbir Ahmed
CEO

EMC Technologies Pty Ltd
176 Harrick Road, Keilor Park, VIC 3042 Australia
Ph: +61 3 9365 1000 www.emctech.com.au