

ICMS-010

Integrated Module, 12 V, 2000 W Inverter, 30 A Charger

MODEL:







ICMS-010

Integrated Module, 12 V, 2000 W Inverter, 30 A Charger

The ICMS-010 has been engineered to serve the unique power needs of off-road enthusiasts and adventurers, with all of REDARC's most trusted power devices in one integrated system.

The system seamlessly integrates into vehicle canopies, providing a convenient and compact hub for powering your outdoor adventures. It enables effortless charging of electronic devices, powers appliances, and illuminates the camp-site for easy living in remote locations.

Its robust metal construction and tough coatings guarantee resilience against demanding conditions and rugged terrain.

Whether it's lighting up your camp-site, charging essential devices, or powering your portable fridge, this 12 V system ensures that modern comforts are powered seamlessly, making it an indispensable sidekick on every trip.

Say goodbye to worries about running out of power and embrace the freedom to explore the great outdoors with REDARC confidence.

FUNCTION AND BENEFITS

- Inverter Effortlessly runs power-hungry appliances, so you can enjoy that perfect espresso as you take in the wilderness.
- Manager30 with RedVision Display Gives you remote monitoring of your power system.
- Quick and Easy Wiring All of the hard work is done; we've pre-wired the system devices using top-quality cable and components so there's virtually no parts to source, and no complicated calculations to master.
- Circuit Protection Channels are pre-fused and ready to protect your system.
- Fully Integrated All devices in the ICMS-010 system are securely pre-assembled. All that's left to do is mount the system and connect to your batteries and loads. Then you're ready to hit the road.

CONTENTS

WARNINGS & SAFETY INSTRUCTIONS	4
OVERVIEW Kit Contents Parts of the ICMS-010	6
INSTALLATION – MOUNTING	
Mounting Checklist — Before You Begin	
Mounting the ICMS-010	
Mounting the Display	9
INSTALLATION – WIRING	
Wiring Diagram — As Supplied	
Wiring Diagram — Typical Setup	
Wiring Steps	
1. Connect the Inverter to Chassis Ground	
2. Connect the Auxiliary Battery	
3. Connect the Negative Busbar to Chassis Ground	
4. Connect the Start Battery	
5. Connect Ignition	
 Connect the Redvision Display to The Manager Connect Solar 	
8 Connect Auxiliary loads	
9. Configuration and Testing	
Strain-Relief and Cable Management	
TECHNICAL SPECIFICATIONS	
WARRANTY	19

WARNINGS & SAFETY INSTRUCTIONS

SAVE THESE INSTRUCTIONS - this manual contains important safety instructions.

Do not operate the system unless you have read and understood this manual.

REDARC recommends that the products referenced in this manual be installed by a suitably qualified person.

Disclaimer: REDARC accepts no liability for any injury, loss or property damage which may occur from the improper or unsafe installation or use of its products.

SAFETY MESSAGE CONVENTIONS

Safety messages in this manual include a signal word to indicate the level of the hazard as follows:

A WARNING: Indicates a potentially hazardous situation which, if not avoided, could result in death or serious injury to the operator or to bystanders.

A CAUTION: Indicates a potentially hazardous situation which, if not avoided, may result in moderate or minor injury to the operator or to bystanders.

NOTICE: Indicates a situation that may cause equipment damage.

IMPORTANT SAFETY INSTRUCTIONS

Read ALL warnings and safety information in the supplied Manager 30 and RS3 Inverter manuals before installing or operating the ICMS-010.

A WARNING

Ľ

When using this product, basic precautions should always be followed, including the following:

- 1. These products should not be used for any medical purposes, life sustaining equipment, safety applications, or any application where equipment failure can cause injury, death, fires or any other hazard.
- 2. Do NOT put fingers or hands into the product.
- Do NOT use the ICMS-010 if damaged or modified. Damaged or modified products may exhibit unpredictable behaviour resulting in fire, explosion or risk of injury.
- 4. No user serviceable parts inside. Do NOT attempt servicing this product.
- 5. Risk of explosive gases: Working in the vicinity of a lead-acid battery and Lithium-ion technologies is dangerous. Batteries may generate explosive gases during normal operation. Prevent flames and sparks, and provide adequate ventilation especially during charging.
- To reduce risk of battery explosion, follow these instructions and those published by the battery manufacturer and manufacturer of any equipment you intend to use in vicinity of the battery.

PERSONAL PRECAUTIONS

- 7. Consider having someone close-by to come to your aid if you are working near a lead-acid battery.
- 8. Have plenty of fresh water and soap nearby in case battery acid contacts skin, clothing, or eyes.
- 9. Wear complete eye protection and clothing protection. Avoid touching eyes while working near battery. If battery acid contacts skin or clothing, wash immediately with soap and water. If acid enters eye, immediately flood eye with running cold water for at least 10 minutes and seek medical attention immediately.
- **10. DO NOT** drop metal tools onto a vehicle battery. Doing so might cause the battery to spark or might short-circuit the battery or other electrical parts, which may cause an explosion.

- 11. NEVER smoke or allow a spark or flame in vicinity of battery or engine.
- 12. Remove personal metal items such as rings, bracelets, necklaces, and watches before working with a vehicle battery. A vehicle battery can produce a short-circuit current high enough to weld a ring or the like to metal, causing a severe burn.
- **13.** Have servicing performed by a qualified repair person using only identical replacement parts. This will ensure that the safety of the product is maintained.
- RISK OF FIRE Do NOT install this product in the same compartment where flammable substances are stored, such as petrol/gasoline or Liquefied Petroleum Gas (LPG).
- 15. Incorrect handling or disassembly/reassembly may result in a risk of fire. Any attempt to disassemble/ reassemble the ICMS-010, or make unapproved repairs or modifications will void the warranty and the user's authority to operate the ICMS-010.
- 16. DO NOT expose the ICMS-010 to temperatures beyond the published limits.
- 17. DO NOT operate the ICMS-010 beyond the published ratings. Doing so may result in damage to the ICMS-010, fire, explosion and burns/personal injury.
- 18. If any mechanism or part of the ICMS-010 becomes broken or damaged, discontinue use immediately.
- 19. Use suitable Personal Protective Equipment (PPE) when operating power tools.



A CAUTION

- 20. Selecting the wrong cable or fuse size could result in harm to the installer or user and/or damage to the battery or other equipment installed in the system. The installer is responsible for ensuring that all installer-supplied cables and fuses are the correct size and type (i.e. has physical performance properties and ratings suitable for the install conditions).
- 21. The system should not be used by persons under the age of 18, or those with reduced physical, sensory or mental capabilities or lack of experience and knowledge unless they are supervised and under instruction.
- 22. Cabling must be installed in protected areas away from heat sources, sharp objects or over/through parts of the vehicle that move during operation or maintenance. Supplementary protection such as conduit may be required, especially when installing or routing in the engine bay.
- 23. DO NOT use this product to control safety critical devices or those that could cause harm if operated remotely (for example fume exhaust fans or lifters). Only operate devices with moving parts when you have a clear line of sight to the moving parts.

OVERVIEW



KIT CONTENTS

Ref.	Part	Qty.
1	ICMS-010 Integrated Module, 12 V, 2000 W, 30 A	1
2	Drawstring Bag	1
3	Panel Mount Cable Ties	5
4	Cable Ties	5
5	250 A MEGA Fuse	1
6	100 A MIDI Fuse	1
7	50 A MIDI Fuse	1
8	15 A Blade Fuse	4
9	10 A Blade Fuse	4
10	5 A Blade Fuse	2
11	ICMS-010 Mounting Template	1
12	Manager 30 Manual (BMS1230S3R)	1
13	RS3 Inverter Manual (R-12-2000RS3)	1
14	4.3" Display (DISP4300)	1
15	Optional Mounting Spacer	
16	RJ45 R-Bus Cable — 1 m (3") Black	
17	RJ45 R-Bus Terminating Resistor	



PARTS OF THE ICMS-010

Ref.	Part
1	Mounting Panel
2	Mounting Points ×4
3	Cable Ducts (with removable covers, not shown)
4	Cable Tie Mounting Holes ×3
5	Manager 30 (BMS1230S3)
6	BMS Connector
7	RS3 Pure Sine Wave Inverter 12 V, 2000 W (R-12-2000RS3)
8	Earth Bond Cable
9	Fuse Box (12 circuit. With removable cover, not shown)
10	Load Negative Terminals ×12
11	Load Positive Terminals ×12
12	Negative Busbar (with removable cover, not shown)
13	Manager 30 Fuse with 50 A MIDI Fuse (fitted) (with attached cover, not shown)
14	Main Auxiliary Loads Fuse with 100 A MIDI Fuse (fitted) (with attached cover, not shown)
15	RS3 Inverter Fuse with 250 A MEGA Fuse (fitted) (with attached cover, not shown)
16	Battery Sensor
17	Auxiliary Battery Negative Terminal (B NEG)
18	Common Ground Terminal
19	CAN Bus Cable
20	Battery Sense Lead

INSTALLATION – MOUNTING

A WARNING: Risk of electric shock. Do not expose the ICMS-010 to rain, snow, spray, liquid, or dust. Doing so may result in damage to the Inverter and other appliances installed in the system or result in electric shock or fire.

A CAUTION

- Lifting a heavy object can cause muscle strain or back injury. Use lifting aids if needed, and proper lifting techniques when mounting the ICMS-010. If you are not comfortable lifting the ICMS-010 on your own, get somebody to help you.
- Two people are required to safely lift the ICMS-010 above shoulder height.

NOTICE: Do NOT modify the mounting holes on the ICMS-010 in any way. Modification to the unit will void the warranty.

MOUNTING CHECKLIST – BEFORE YOU BEGIN

The ICMS-010 should only be mounted and used in a location that meets the following criteria:

- STRUCTURAL Mount only to a fixed, flat, structural surface using all four mounting holes. Use appropriate M8 (or 5/16") fasteners (not supplied).
- DRY Do not allow water to drip onto or enter the ICMS-010.
- □ COOL Ambient air temperature should be between 0°C and 40°C (32°F and 104°F).
- □ SAFE Do not install the ICMS-010 in a battery compartment or other areas where volatile fumes may exist, such as fuel storage areas or engine compartments.
- □ VENTILATED Keep the ICMS-010 at a distance at least 50 mm (2") away from surrounding objects. Ensure all ventilation openings are not obstructed.
- DUST-FREE Do not install the ICMS-010 in a dusty environment where the dust can enter, and especially cannot be drawn into the cooling fan on the Inverter.
- NEAR TO BATTERIES Avoid excessive cable runs between batteries and the ICMS-010 to reduce voltage drop across the cables. For safety reasons however, even when installed in a well ventilated area the ICMS-010 should not be installed within 300 mm (12") of a battery. The ICMS-010 must not be installed within the same enclosed compartment as a battery.
- □ NON-CORROSIVE Do not mount the ICMS-010 where it will be exposed to the gasses produced by a battery. These gasses are very corrosive, and prolonged exposure will damage the ICMS-010.
- □ CORRECT MOUNTING ORIENTATION Mounting the ICMS-010 horizontally is ideal, however vertically is acceptable. Do not mount the ICMS-010 upside down.



MOUNTING THE ICMS-010

RECOMMENDED FASTENERS

The following fasteners are recommended for secure and safe mounting of the ICMS-010. If you choose to use alternative fasteners, make sure they are equivalent.



High-tensile bolt × 4 M8 (5/16") — metric class 8.8 or imperial grade 5 minimum. Length determined by mounting surface thickness.

Flat washer × 8 M8 × 16 mm × 1.6 mm (5/16" × 5/8" × 16 gauge) or a max. outer diameter of 25 mm (1")

Mudguard/Fender washer × 4 M8 × 25 mm × 1.6 mm (5/16" × 1" × 16 gauge)

Nylon lock nut × 4 M8 (5/16") — metric class 8.8 or imperial grade 5 minimum

MOUNTING STEPS

- Confirm that your chosen mounting location and orientation meets all criteria listed in 'Mounting Checklist Before You Begin' (page 8).
- 2. Tape the supplied ICMS-010 Mounting Template in the chosen mounting location, making sure the template is completely flat.
- Use a centre-punch to punch the centre of each mounting point (marked 'A' on the template). Note, all four Mounting Points must be used. Alternatively, measure and mark the centres of the mounting points.
- 4. Remove the Template then drill clearance/pilot holes using a 9 mm (23/64") drill bit. De-burr the holes and touch up any bare metal surfaces that have been exposed with a rust-inhibitor (e.g. primer).
- Fasten the ICMS-010 in place using your chosen fasteners. Get someone to help you lift and locate the unit safely if needed.
- If using the recommended fasteners, torque to 24.0 N⋅m/17.7 lbf⋅ft, or torque appropriately for your chosen fastener grade.



MOUNTING THE DISPLAY

Refer to the supplied Manager 30 Instruction Manual for a mounting template and mounting instructions for the RedVision Display.

INSTALLATION - WIRING

A WARNING: Before beginning installation, read ALL Warnings and Safety Information in the supplied Manager 30 and RS3 Inverter instruction manuals.

WIRING DIAGRAM - AS SUPPLIED

The following wiring diagram shows the ICMS-010 in its as-supplied state with pre-wired connections (excluding the Display).



WIRING DIAGRAM - TYPICAL SETUP

The following wiring diagram shows an example of a typical setup. The blue highlighted devices, cables, and related consumables must be purchased to suit the your installation.



*1 REDARC RS3WK-002 Inverter Wiring Kit recommended.

- *2 REDARC FK50 50 A Fuse Kit recommended.
- *3 For input cable sizing/cross sectional area for the power input cable, refer to 'Power Input Cable Size Selection' (page 14).
- *4 Insert each fuse once wiring is complete. Ensure each fuse is adequate for the cable size it protects.
- *5 Connect the Manager 'IGN' (Terminal #4 on the BMS Connector) to an ignition switched fuse in one of the vehicles fuse boxes, located in either the engine compartment or vehicle cabin.

WIRING STEPS

WHAT YOU WILL NEED

Before you begin, purchase the correct cable sizes, lugs, fuses, and consumables needed for your installation. **Note:** Poor quality cable can degrade over time posed to high temperatures (such as in an engine bay). Make sure you purchase good-quality cable with a suitable temperature rating for your installation.

You will need to source suitably rated cable for the following connections:

- Negative Busbar to chassis ground connection see step 3 (page 13)
- Auxiliary battery positive and negative connections (RS3WK-002 recommended) see step 2 (page 13)
- Vehicle ignition connection (applies to vehicles with variable-voltage alternators) see step 5 (page 14)
- Auxiliary loads connections see step 8 (page 16)
- Solar panel connection see step 7 (page 15)

1. CONNECT THE INVERTER TO CHASSIS GROUND

A WARNING: To avoid risk of electric shock, the Inverter's Earth Bond Cable (yellow-and-green) MUST be connected before beginning any other wiring. Improper earthing connection may result in serious injury or death. Chance of electric shock if the earth connection is poor. Make sure the ground connection is clean and secure.

- 1.1 Make sure that the Main Switch on the Inverter is set to the 'OFF' position, and that no loads connected to the Inverter's AC output.
- **1.2** Connect the yellow-and-green Earth Bond Cable to a suitable vehicle chassis ground point. This allows the Residual Current Circuit Breaker (RCBO) to function correctly, preventing earth-leakage electrical faults.



2. CONNECT THE AUXILIARY BATTERY

A CAUTION: The auxiliary battery positive (+) connection must be made to the M8 250 A MEGA Fuse. DO NOT connect the auxiliary battery to the low current fuses (50 A and 100 A Fuse).

Purchasing the REDARC **RS3WK-002 Inverter Wiring Kit** for this connection is recommended. The lugs, 300 A fuse and fuse holder are pre-assembled for quick and easy installation.

2.1 Connect the black cable (RS3WK-002) between the negative (-) terminal on the auxiliary battery and the Auxiliary Battery Negative Terminal (B NEG) on the Battery Sensor. Use a 17 mm (11/16") hex socket and an open-ended spanner to torque the terminal bolt on the Battery Sensor to 20 N·m (14.75 lbf·ft).

No other connections should be made to the Auxiliary Battery Negative (B NEG) or auxiliary battery negative (-) terminals for correct operation of the Battery Sensor.

- 2.2 Connect the red cable (RS3WK-002) to the 250 A MEGA Fuse on the ICMS-010. Using a 13 mm (1/2") hex socket driver, torque the terminal bolt on the 250 A MEGA Fuse terminal to 12 N·m (8.85 lbf·ft).
- 2.3 Connect the other end of the red cable (RS3WK-002) to the auxiliary battery at the same time, connect the Battery Sense Lead 'BATT +' on the Battery Sensor to the auxiliary battery Positive terminal. Do not place the Battery Sense Lug between the battery terminal and any high current connections at the terminal.



Positive and Negative cables to be no longer than 1.2 m (4') with a cross sectional area of 50 mm² (1 AWG). Ensure the Negative cable lugs are suitable for the Battery Sensor stud (M10 (3/8")) and your auxiliary battery negative (–) terminals; and the lug barrel to accept a 50 mm² (1 AWG) cable.

3. CONNECT THE NEGATIVE BUSBAR TO CHASSIS GROUND

- 3.1 Source a cable rated to carry the maximum charge current (see 'Power Input Cable Size Selection' (page 14)) and lugs suitable for the Negative Busbar stud (5mm (3/16")) and chassis ground connection point.
- 3.2 Connect the cable between the Negative Busbar and the vehicle common ground (usually vehicle metal body).
- 3.3 Using a 10 mm (3/8") hex driver, torque the terminal screw on the Negative Busbar to 3.6 N·m (2.66 lbf-ft).



4. CONNECT THE START BATTERY

Purchase the correct cable size needed for your installation — Refer to "Power Input Cable Size Selection". The REDARC **FK50 50 A Fuse Kit** is recommended for fusing this connection.

Note: Poor quality cable can degrade over time when exposed to high temperatures (such as in an engine bay). Make sure you purchase good-quality cable with a suitable temperature rating for your installation.

POWER INPUT CABLE SIZE SELECTION

Distance from start battery to Manager30	Recommended cross sectional area	Closest equivalent (AWG/BAE/B&S)
≤ 3 m (≤ 9'10")	≥ 8 mm²	8
> 3 m (> 9'10")	≥ 10 mm ²	6

A CAUTION: Selecting the wrong cable or fuse size could result in harm to the installer or user and/or damage to the battery or other equipment installed in the system. The installer is responsible for ensuring that all installersupplied cables and fuses are the correct size and type (i.e. has physical performance properties and ratings suitable for the install conditions).

4.1 Using a cable rated to carry the maximum charge current and protected by a suitable fuse (not supplied), connect between Terminal 6 on the BMS Connector and the vehicle start battery positive terminal. Fuse as close to the start battery as possible, within 150 mm (6").



5. CONNECT IGNITION

The Ignition Trigger wire is used to turn the DC charging source on with ignition. This feature allows vehicles with variable-voltage alternators to trigger the DC Input. The Ignition Trigger feature must be activated via the RedVision Display in the 'BMS Settings' screen.

5.1 Depending on your vehicle's alternator type, connect ignition:

- Fixed-voltage alternator (standard alternator) do not connect.
- Variable-voltage alternator (smart alternator) connect to a point that is live only when the ignition is turned on (A).

For Idle-stop vehicles, connect the vehicle ignition wire to D+ or engine-running signal (B).

5.2 Connect an ignition wire to Terminal #4 ('IGN') of the BMS Connector. Using a 5.5 mm (7/32") flathead driver, torque the terminal screw on the BMS Connector to 1.7 N⋅m (1.25 lbf·ft).



6. CONNECT THE REDVISION DISPLAY TO THE MANAGER

- 6.1 Plug the RedVision Display RBUS cable into any 'CAN' socket on the Manager.
- 6.2 Plug the supplied Terminating Resistor into any RBUS socket on the rear of the Display.



7. CONNECT SOLAR

Refer to the supplied Manager30 Instruction Manual for solar specifications and limits before making any solar connections.

7.1 Connect Solar Positive to Terminal #5 of the BMS Connector. Using a 5.5 mm (7/32") flathead driver, torque the terminal screw on the BMS Connector to 1.7 N·m/1.25 lbf-ft.

7.2 Depending on your setup, connect Solar Negative to either of the following:

- A vehicle chassis ground point (A), or;
- The Negative Busbar (B). Using a 10 mm (3/8") hex driver, torque the terminal screw on the Negative Busbar to 3.6 N·m (2.66 lbf·ft). Ensure the cable is rated to carry the maximum charge current (see page 14) and the lugs are suitable for the Negative Busbar stud (5 mm (3/16")) and chassis ground connection point.



8. CONNECT AUXILIARY LOADS

Connect typical loads, including auxiliary lights, pumps, fridge, cig/accessory socket, USB chargers, small air compressors etc. Select cable sizing and fuse ratings that meet the device manufacturers specification.

Purchase the correct cable size needed for the devices in your system, as well as M4 (#8) ring terminals that meet the following criteria:

- they are the correct diameter for the cable you have selected (10-16 AWG (6-1.5 mm²), and;
- the tongue width is no greater than 10 mm (25/64").
- 8.1 Connect the load's positive cable to any available positive terminal on the Fuse Box, then connect the negative cable to any available negative terminal on the Fuse Box. Using a PH2/#2 phillips head driver, torque the terminal screws to 2.03 N·m (1.5 lbf·ft).
- 8.2 Repeat for each load.



- **8.3** When all loads are connected, tidy the cables and use the supplied Panel Mount Cable Ties to secure the cables to the Mounting Panel.
- 8.4 Insert blade fuses into the sockets of all used Fuse Block Positive Terminals. Ensure each fuse is adequate for the cable size it protects. Replace the Fuse Box Cover. Consider labelling the size and function of each fuse for future reference.



9. CONFIGURATION AND TESTING

Refer to the supplied Manager 30 manual for configuration information. This step is important to configure your battery type, capacity, and more. Once configured, test the system to make sure it is operating safely and correctly.

STRAIN-RELIEF AND CABLE MANAGEMENT

A CAUTION: Do not route cables over hot surfaces and sharp objects, or over/through parts of the vehicle that move during operation or maintenance.

PROTECT AND SECURE THE CABLES

Once all wiring is completed, do the following to protect and secure the cables:

- Route all cabling through the Cable Ducts then replace the Cable Duct Covers.
- Use the supplied Panel Mount Cable Ties to secure bundled cables to the Mounting Panel.
- Flexible conduit (not supplied) can be used to manage and protect bundled cables.
- Make sure all removable covers on the fuses and fuse box are put back on once wiring is complete.

PREVENTING WATER ENTRY

Add a drip-loop to any cables connecting to the ICMS-010. Ensure the drip-loops are made outside the ICMS-010 to prevent moisture from running down the cables into sockets/terminals and devices.



TECHNICAL SPECIFICATIONS

For the individual technical specifications for the Manager 30 (including RedVision Display) and the RS3 Inverter, refer to the supplied instruction manuals.

Specifications subject to change without notice.

PHYSICAL SPECIFICATIONS

Weight	18.4 kg (40.6 lb)
Dimensions	659 × 450 × 152 mm (25.95" × 17.72" × 5.98")

THERMAL SPECIFICATIONS

deal Operating Temperature Range	-20 ~ +40°C / -4 ~ +104°F (derates up to 60°C/140°F)
----------------------------------	--

FUSE BOX SPECIFICATIONS

Circuits	12
Maximum Amperage*6	100 A, 30 A per circuit
Maximum Voltage	32 V DC
Screw Terminal Stud Size	#8-32 screws with captive star lock washer
Screw Terminal Torque	2.03 N⋅m (1.5 lbf-ft)
Screw Terminal Driver Type	PH2/#2

*6 Maximum amperage ratings are dependant on the use of appropriately sized fuses and wire for the given application.

WARRANTY

LIMITED WARRANTY

For full warranty terms and conditions, visit the Warranty page of the REDARC website: www.redarcelectronics. com/warranty

Australia, New Zealand, UK & Europe REDARC Electronics Pty Ltd 23 Brodie Road (North), Lonsdale SA 5160, Australia		North America REDARC Corporation c/o Shallco, Inc., 308 Component Dr., Smithfield, NC 27577, USA	
Australia	1300 REDARC (1300-733-272)	USA	+1 (704) 247-5150
New Zealand+64 9 222 1024		Canada	+1 (604) 260-5512
UK & Europe	+44 (0)20 3930 8109	Mexico	+52 (558) 526-2898

IMPORTER CONTACT INFORMATION

UK: Ozparts UK Ltd, 1 Prospect Place, Pride Park, DE24 8HG, Derby, UK
 Europe: Ozparts Sp. z o. o. Sp. kom., Slowackiego 32/5, 87–100 Torun, Poland
 For written request please email power@redarcelectronics.eu

CHECKING THE PRODUCT SERIAL NUMBER

The Product Serial Number label is located on the product and on the product packaging.



REDARC Electronics Pty Ltd | ABN 77 136 785 092

REDARC Electronics Pty Ltd, 23 Brodie Road (North), Lonsdale SA 5160, Australia.

Design, product configuration and technical specifications are subject to change without notice. | Copyright © 2023 REDARC Electronics Pty Ltd. All rights reserved. REDARC® and THE POWER OF REDARC® are trademarks of REDARC Electronics Pty Ltd.

Tech Support 1300 REDARC (1300-733-272)

Australia +61 8 8322 4848

New Zealand +64 9 222 1024

UK & Europe +44 (0)20 3930 8109

USA +1 (704) 247-5150

Canada +1 (604) 260-5512

Mexico +52 (558) 526-2898

redarcelectronics.com

