

# MOUNTING INSTRUCTIONS & TEMPLATE

## WARNINGS & SAFETY INSTRUCTIONS

### ⚠ WARNING

- Risk of electric shock. Do not expose the ICMS to rain, snow, spray, liquid, or dust. Doing so may result in damage to the ICMS and other appliances installed in the system or result in electric shock or fire.
- DO NOT install the ICMS within the same enclosed compartment as a vented lead acid battery.

### ⚠ CAUTION

- If you are not comfortable lifting the ICMS on your own, get somebody to help you.
- Use suitable Personal Protective Equipment (PPE) when operating power tools.



### NOTICE

Do NOT modify the ICMS in any way.  
Modification to the unit will void the warranty.

## RECOMMENDED FASTENERS

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



### HIGH-TENSILE BOLT × 4

M6 metric class 8.8 (1/4" UNC grade 5)  
*Length determined by mounting surface thickness*



### FLAT WASHER × 8

M6 × 16 mm × 1.6 mm (1/4" × 5/8" × 18 gauge)  
*Outside diameter must not exceed 18 mm (3/4")*



### MUDGUARD/FENDER WASHER × 4

M6 × 25 mm × 1.6 mm (1/4" × 1" × 18 gauge)



### NYLON LOCK NUT × 4

M6 metric class 8.8 (1/4" UNC grade 5)

## MOUNTING CHECKLIST – BEFORE YOU BEGIN

Mount the ICMS in a location that meets the following criteria:

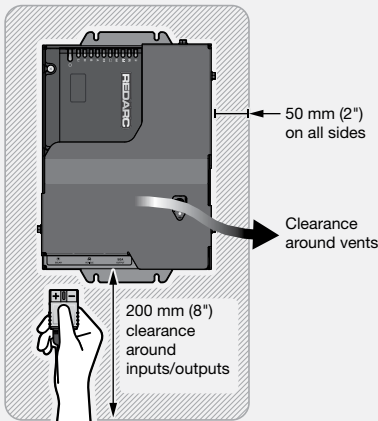
- ☐ **STRUCTURAL** – Mount only to a fixed, flat, structural surface **using all four mounting points**. Use appropriate fasteners (not supplied)—see 'Recommended Fasteners'.
- ☐ **DRY** – DO NOT mount the ICMS where it is exposed to rain, snow, spray or any other liquid.
- ☐ **COOL** – Ambient air temperature should be within the specified Operating Temperature Range of your ICMS model.
- ☐ **DUST-FREE** – DO NOT install the ICMS in a dusty environment.
- ☐ **SAFE** – DO NOT install the ICMS in a battery compartment or other areas where volatile fumes may exist, such as fuel storage areas or engine compartments.
- ☐ **VISIBLE & ACCESSIBLE** – Mount so that the user interfaces and status LEDs on individual devices can be seen, and control buttons can be reached easily.
- ☐ **NEAR TO BATTERIES** – Avoid excessive cable runs between batteries and the ICMS to minimise voltage-drop.

**⚠ WARNING:** DO NOT install the ICMS within the same enclosed compartment as a vented lead acid battery.
- ☐ **NON-CORROSIVE** – DO NOT mount the ICMS where it will be exposed to the gasses produced by a battery. These gasses are very corrosive, and prolonged exposure will damage the ICMS.

- ☐ **CLEARANCE & VENTILATION** – Keep the ICMS at least 50 mm (2") away from surrounding objects.

Ensure all ventilation openings are not obstructed.

Leave a minimum of 200 mm (8") clearance below the Anderson connectors for access and cable routing.



- ☐ **CORRECT MOUNTING ORIENTATION** – Mounting the ICMS vertically is ideal, however horizontally is acceptable. DO NOT mount the ICMS with the Anderson connectors facing upwards.

