

# TMC500W POWERSAFE THERMAL MANAGEMENT SYSTEM

## Control Enclosure Temperatures to AS/NZS 61439

Heat is both the by-product, and one of the greatest enemies of electrical and electronic components. If not dissipated, this heat has the potential to cause premature failure and malfunction of equipment. Careful selection of electrical components, coupled with a thermal management system is the only way to ensure components operate as designed and within the manufactures operating temperature specifications.

The range of Powersafe Thermal Management Control (TMC) Systems has been designed to provide an IP65 closed loop cooling system for use on equipment exposed to the harsh Australian Environment. Available in three sizes; 200W, 500W, 800W, The Powersafe TMC range offers a robust IP65 solution for switchboard thermal control.

**Powersafe electrical enclosure cooling products that effectively dissipate heat from enclosures operating in indoor, outdoor and harsh environments**

### TMC500W - KEY FEATURES

- Maintains internal cabinet temperature and humidity to ensure internal components (RCD, Circuit Breakers) remain within the operating temperatures of manufacturer's specification to comply to AS/NZS 61439 for correctly designed units
- Controller will initiate and control fan speed and heater as required, while showing current status on the OLED display with integrated test function.
- Easy fitting instructions for existing switchboards

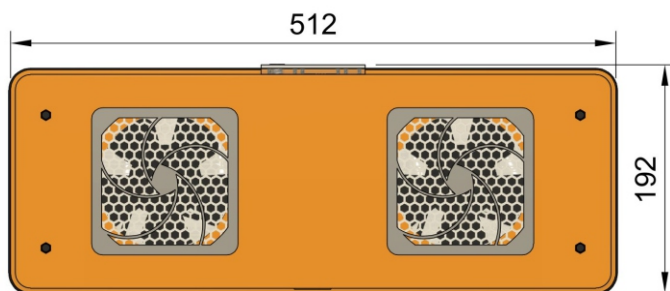
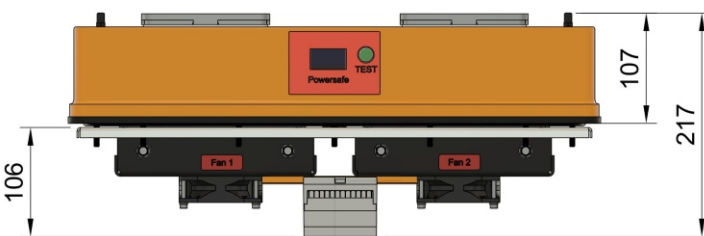
### BENEFITS OF TMC

- Keep componentry within operating temperature limits
- Comply to Australian Standards AS/NZS 61439
- Reduce heat stress on components - extending life and reducing maintenance cost.

Can be used in metal, GRP and plastic enclosures

### SPECIFICATIONS

Heat Dissipation	25W/°K (500W at 20°K)
Power Supply	Maximum 230Va.c. 2A.- 460W
IP Rating	IP65 For outdoor use
Dimensions	
External cabinet	512mm x 192mm x 107mm
Internal Cabinet	512mm x 192mm x 106mm



AVAILABLE IN OTHER SIZE COOLING CAPACITY  
200W - 500W - 800W



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