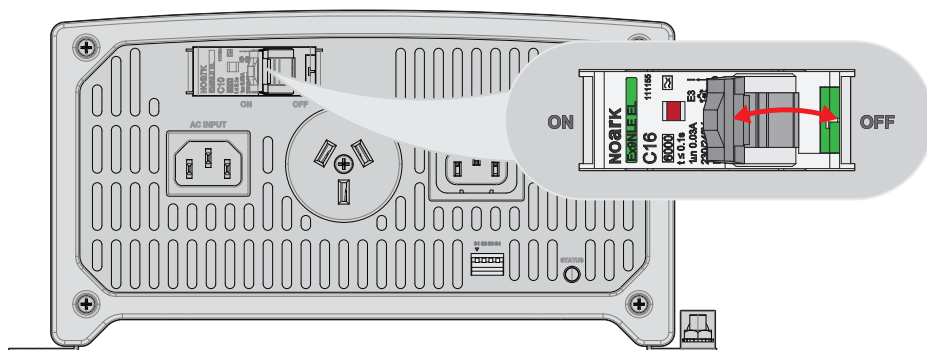


THE POWER OF  
**REDARC**

## REDARC TECH TIPS

# INVERTER SAFETY AND RS3 INVERTERS.



**REDARC's new RS3 Inverters are fitted with 2 very important new features, an RCBO and Automatic transfer switch.**

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Let's look at what these components are and why they are an excellent addition to the inverters.

### **RCBO (Residual Current Circuit Breaker with Overcurrent Protection).**

An RCBO (Residual Current Circuit Breaker with Overcurrent Protection) is an electrical device designed to provide both overcurrent protection and residual current protection in a single unit. This means the inbuilt RCBO will protect appliances and wiring by interrupt the circuit if an over current situation occurs. It also monitors current between the live and neutral conductors and will interrupt the circuit when an imbalance occurs. This feature will protect people from electric shock in case of an earth fault or insulation failure.

The inclusion of the RCBO complies with AS / NZS 4763 Standards and allows it to be used to power fixed connections of transportable structures and vehicles as per AS / NZS 3001 Standards, when installed by a licensed electrician.

### **Auto transfer switch (ATS).**

The built-in auto transfer switch (ATS) automatically transfers power supply from one source to another. In the case of REDARC's RS3 inverters, it switches between 240V mains power and battery power. This allows all 240V outlets in a caravan or vehicle canopy to be wired to the inverter output. The ATS ensures a seamless, reliable transition between power sources ending power interruptions and manual intervention when plugging in at a caravan park or the work site.

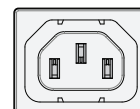
### **Three Layer Protection**

Vibration resistant and built to REDARC's strict quality standard, REDARC's RS3 inverters also feature a load-controlled cooling fan, and overload, short circuit and over temperature protection as standard, ensuring they will work comfortably anywhere, even in Australia's harshest conditions.

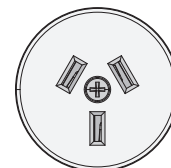
### **AC Output Interface**

#### **1200W / 2000W Models:**

10A IEC C13 Output Socket for connecting to AC appliances.

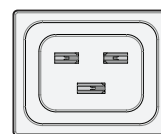


10A GPO Outlet Socket to plug in appliances directly.



#### **3000W Models:**

16A IEC C19 Output Socket for connecting to AC appliances.



15A GPO Outlet Socket to plug in appliances directly.



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