

CopperHead

ON AND OFF-GRID POWER



CopperHead is RedEarth's next generation utility-grade three-phase system. Ideal for larger homes, commercial and industrial sites, farms, and microgrids, CopperHead battery capacity is scalable and easily upgradeable in the field, adapting to changing needs. It is fully built and tested in our Brisbane factory prior to shipment.

CopperHead incorporates Selectronic multi-mode inverters, state-of-the-art integrated monitoring, and up to 33 of RedEarth's own Australian-made Troppo batteries. These combine to control and manage every aspect of your energy needs. Integrated into an IP43 enclosure with two air-conditioning units as standard it is designed to withstand Australia's harsh climate and ensure you will never be without power.

It is supplied with Selectronics-certified Fronius PV inverters as standard. These are installed external to the CopperHead enclosure.

SOLAR REBATE

CopperHead is eligible for STC solar panel rebates, if you use a CEC-approved installer, CEC-approved solar panels, and Fronius inverters.

| Specifications | |
|--------------------------|---|
| Power output | 22.5kW three-phase continuous (on battery only). Daytime potentially 45kw to 67kw (using the maximum PV inverters as well as battery). |
| Solar input | Up to 45kW of Fronius inverters (installed outside the enclosure). |
| Surge power | 54kW on battery only |
| Battery | Up to 33 x 4.1kWh Troppo batteries (up to 135kWh nom.) Voltage: 51.2v (nom.) |
| Temperature range | -10°C to +45°C (ambient) Active climate control for cooling (twin air cons and fans) |
| Monitoring | Remote monitoring (via mobile and PC) using RedEarth's own RedPi and EMU app (subject to network availability). Sign up to RedEarth Optimum for access. |



As used by the ADF in PNG

Need panels? No worries.

RedEarth is with you all the way, from technical support during installation, to ongoing monitoring and guidance for your system for years to come. Our Australian-based team is on call to make *powering yourself* as easy as possible. We also offer information sessions and Factory Acceptance Testing (FAT) for installers at our factory in Brisbane. Give us a call today to see how you can future-proof your home or business with a RedEarth system.

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Power yourself.