



Power on Australia was engaged by Alltype Electrical to design and integrate a power system to provide uninterrupted power supply for a privately owned wine cellar. The owner had a valuable wine collection which required a specialised high-precision, temperature-controlled environment.



Challenge

The brief was to protect the client's wine collection by consistently maintaining a temperature of 4 degrees Celsius, allowing for a minimal variation of only half a degree. This system needed to operate 24/7, making the uninterruptable power supply a critical component.

The power supply to the wine cellar must be reliable and consistent. Power disruptions can lead to fluctuations in temperature, which can spoil or significantly affect the quality of the wine. A UPS system such as the Eaton 93PS, can provide an uninterrupted power source, helping to maintain stable conditions even during power outages.

Client Feedback

"We worked with one of Power On Australia's engineers, who designed and integrated the whole system. Andrew was incredibly helpful, providing a lot of technical information and data. When it came to installing the UPS, Andrew was virtually on speed dial guiding us through the installation."

Solution

Our engineers designed a bespoke 24/7 AC power system capable of withstanding a complete power failure for 24 hours. The design was also scalable to accommodate future expansion.

We anchored the power system around the Eaton 93PS Uninterrupted Power Supply (UPS), renowned for its efficiency and reliability. The system was designed to meet mining specifications, which not only satisfied all electrical safety standards, it exceeded the client's expectations. The system was supplemented with a custom-designed battery bank that could operate independently for up to 24 hours. This crucial feature would ensure the safekeeping of the wine collection during a full-day power outage.

"Andrew and the team at Power On Australia made a potentially very challenging job straightforward. The installation went seamlessly and the owner was very happy with the outcome."

Dave Baker
Alltype Electrical

For more information, contact us at

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