

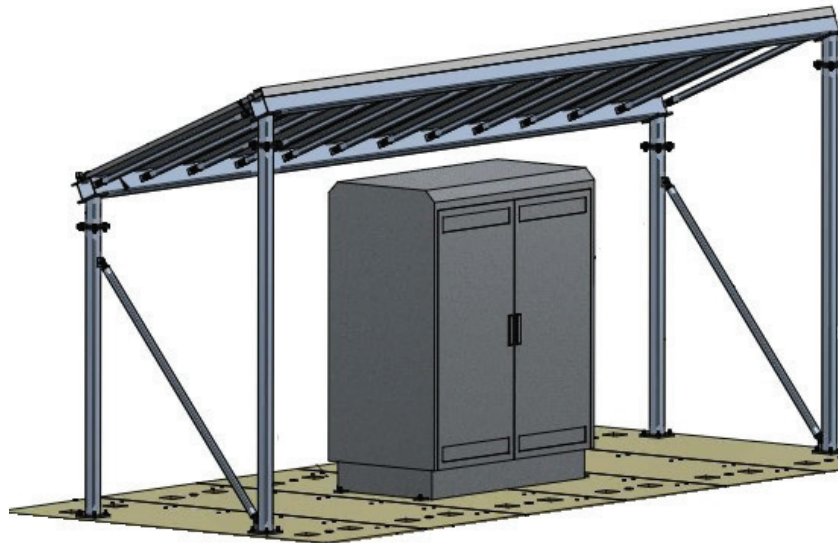
RIO TINTO

Rio Tinto mines and produces materials that are essential for the low-carbon transition and works hard to develop innovative solutions that will help them deliver progress. That's why Valen chose to partner with Rio Tinto to help deliver a solution for one of their sites.

SITUATION

Rio Tinto had a site gate that required power to operate. At the time, the only option was to dig long trenches to run power lines; however, this brought cost and complexity. They were looking for an option that provided remote power without the hassle of extensive earthworks.

Due to the remoteness of the site location, the solution also needed to include remote monitoring to alert to smoke, intruders, theft and tampering, as well as shade and weather protection.





VALEN PRODUCTS

- Valen EnduroGel 12V155Ah
- Enetek ETS+3248
- Valen 300W Solar Panels

SOLUTION

The Valen team recommended our versatile ModX4 system. Designed and developed in house, the ModX package was produced to make our customers' lives easier. Suiting a range of power requirements, the system comes complete and fully wired, giving our customers the confidence that the system will work from day 1.

Valen products were used to create the kit, including Valen Endurogel 155Ah Front Terminal Batteries, outdoor cabinet, Enetek solar controller ETS+3248 and Valen 300W Solar Panels.

OUTCOME

The ModX package suited Riot Tinto as it allowed remote power without the need for extensive groundwork. An additional benefit was the versatility, where Rio Tinto could request additional specs such as door locks, smoke alarms and shade screens, and installation could be anywhere that suited them.

Rio Tinto enjoys no ongoing power bills and the use of green energy. The added benefit is if the gate location was to be moved in the coming years the kit could be disassembled and reassembled at the new location.

