

# STAMFORD<sup>®</sup> MINING



## Case history

Contract Power Australia

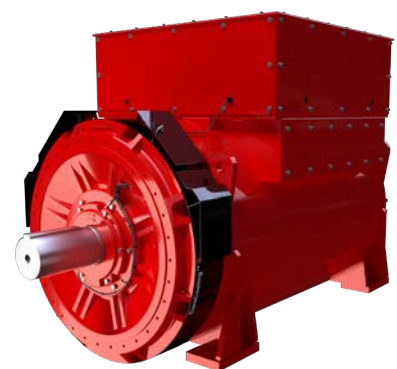
**Where:**  
Western Australia

**Specified:**  
1 x STAMFORD<sup>®</sup> S9 and  
8 x STAMFORD<sup>®</sup> P80

**Purpose:**  
Nickel Sulphite Mine

Contract Power added the STAMFORD S9 to the fleet of 8 x STAMFORD HVSI804R1 units for the 12 MW power plant at the Savannah nickel sulphide mine, located in the East Kimberly Region of Western Australia.

The Savannah mine is one of the three mining projects in this region. 28 x STAMFORD P80s have been installed at the Christmas Creek mine and 22 x STAMFORD P80s at the Cloudbreak iron ore mine.



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The STAMFORD alternators have proven very reliable over the years in our Mining installations. With the modifications made to the S9, they now become even more serviceable for these remote locations

The STAMFORD S9 uses its advanced thermal technology system in combination with CoreCooling™ to provide optimised power density, extended insulation lifetime, enhanced efficiencies and ratings up to 5,000kVA, which is extensively validated and tested.

By developing and using this Class H insulation system, the STAMFORD S9 has more optimised power density, is physically smaller and lighter than an alternator with an equivalent Class F ratings insulation system. Because of these factors, increased ratings up to 5000kVA have been achieved.

We are here to support your future decarbonisation goals, through our end-to-end expertise in versatile solutions. Backed by the reassurance of our world-renowned brands recognised for reliability and complete peace of mind, we are with you on your journey towards sustainability.



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