

STAMFORD[®] MINING



Case history

Welland Power



Where:
Carribbean

Specified:
4 x STAMFORD[®] P7G -
2112kVA alternators

Purpose:
Mining

When Lincolnshire, UK based global genset designer Welland Power needed 4 x Critical Standby alternators for a Mining Contractor in the Caribbean they didn't have to look too far. Built on a reputation for quality and reliability plus a working partnership spanning over 25 years.

Specialising in worldwide export of complete generators and associated equipment, Welland looked to STAMFORD | AvK to support this project.

We use STAMFORD in our products because of the exceptional quality and internationally accessible warranty

Owner, Charles Farrow

The alternators needed to be able to withstand a harsh corrosive environment, for this Welland Power chose STAMFORD products.

Reliability was also essential for this critical contact and confident of STAMFORD P7 ability to deliver this. Welland were willing to work with STAMFORD I AvK to ensure that the genset enclosure was able to accommodate the alternators.

Each enclosure included a P7 alternator, with bespoke windings to meet the requirements of a 50Hz frequency at 480volts, plus a combined total of continuous 7855 kVA output; all specific requirements for the customers application. The gensets used in this project were assembled in the UK and set in a Welland Power manufactured enclosure.

STAMFORD I AvK technical expertise in the mining application enables the selection of the most suitable electro-magnetic design for this special voltage and frequency combination (480V/50Hz), taking into consideration the magnetic flux levels and the internal reactance's to meet the requirements of the stringent load types within the mining application, ranging from cranes and excavators to wheel loaders and forklifts.

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.



STAMFORD | AvK TM
POWERING TOMORROW, TOGETHER

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