

# PACB News

## GENERATOR

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It is official...

We are proud to announce that we are an accredited UPS Agent in Gauteng. We will be supplying

**MAKELSAN**  
Uninterruptible Power Supplies



The New Colour  
Of The **Power**

Get a Makelsan Ups and  
Enjoy Uninterrupted Power

**Perkins**

Not only are we able to provide our resellers with the most competitive prices in the market, we can also provide excellent lead times due to the fact that a great number of the Perkins IMPORTED engines and parts are stocked in South Africa. Check out the great prices available under "Perkins Imports".

We look forward to many Perkins orders in the near future.

## Synchronization

The **ADVANTAGES** of Synchronization:

1. Price. There will be a significant price difference in favour of the synchronized system.
2. Under-load performance and glazing. Any diesel engine is designed to operate under a fair amount of load. Diesel engines that operate at low load levels (under 40%), will start glazing. This process can cause permanent damage to the engine. To prevent this from happening, a dummy load, at extra cost, is essential. With a synchronized system the master controller will control the amount of generators required for any given load. If the power demand is less than a pre-set level, the master controller will automatically switch one engine off. This prevents any of the engines to run at dangerously low levels of load, preventing the danger of glazing.



Synchronization systems are applicable for kVA requirements larger than 600kVA.

