



PPRF

POWER PACK REPAIR FACILITY

To ensure sustainability of an operation, the timely replacement of armoured fighting vehicle power packs at the place on the battlefield where they failed is now commonplace.

These failed power packs then have to be repaired in the field, and this is the job of PPRF, a mobile, deployable repair facility.

HGI provide the generators that supply the power for the repair facility.

In service with the British MOD since 1998, this HGI designed and built set provides crucial power support for Challenger Mk2 Main Battle Tank mobile repair. Five sets work together to power inflatable workshops where the tank engine can be stripped down and repaired, even in the middle of a battle zone. This set is perfectly featured to operate in even the most arduous conditions for any length of time.



Each generator consists of a John Deere 3029D engine, running at 1500 rpm, close coupled to a Newage, AVR controlled alternator.

The sets are mounted in an extremely rugged, acoustic canopy finished in an infra-red reflective powder-coat.

The units are 3-phase, 415V and provide 27.0kVA of power. The generator is capable of running on both F34 Dieso and F54 AVTUR and has an onboard fuel tank with enough capacity to give 12 hrs running at full load.