HGG Hydraulic Ground Power Generator

DYNASET HGG Hydraulic Ground Power Generator converts the hydraulic power of a mobile machine, vehicle or vessel into low voltage DC electricity to operate e.g. in airports to provide ground power for airplanes or other applications.

Electricity

**HGG HYDRAULIC GROUND POWER GENERATOR**

## Key Benefits

The hydraulic ground power generator is complete power station with overload protection.

* Always ready for use
* Saves time, space and resources
* Easy installation on all hydraulic systems
* Compact size
* Light Weight
* Reliable
* Silent operation
* Maintenance free
* Small carbon footprint
* Two-year or 2000 hour warranty

## Features

In addition to the high-quality electricity 24 VDC, 200A, the ground power generator has great features.

* Adjustable voltage from 23 VDC to 31 VDC
* Operates with a compact hydraulic motor
* Overload protection
* IP23 protection classification in standard model
* Battery unit for stabilizing supply voltage
* No extra engine
* No fuel tank
* No exhaust pipe

## Applications

* Airplane ground power supply
* Boat battery charging
* Military applications
* Auxiliary power for low DC-voltage application

## How Does the Hydraulic Ground Power Generator Work?

The hydraulic ground power generator utilizes a machine’s, vehicle’s or vessel’s hydraulic system as power source to produce high quality low voltage electricity.

1. Hydraulic oil flow is led to the hydraulic ground power generator’s integrated hydraulic motor through the pressure line
2. The hydraulic ground power generator converts the hydraulic oil flow and pressure into low voltage DC electricity
3. The hydraulic oil is led back to carrier machine’s hydraulic oil tank through the return line