HG Hydraulic Generator

DYNASET HG Hydraulic Generator converts the hydraulic power of a mobile machine, vehicle or vessel into high-quality electricity for all AC-powered electric appliances.

Electricity

**HG HYDRAULIC GENERATOR**

## Key Benefits

Produces electricity for all AC-powered tools, lights, heaters, coolers etc. in mobile use.

* Always ready for use
* Saves time, space and resources
* Easy installation on all hydraulic systems
* Reliable
* Small carbon footprint
* Two-year or 2000 hour warranty

## Features

In addition to the output power range of 3.5kVA – 350kVA, the hydraulic generator has plenty of useful features.

* HG Hydraulic Generator is up to 95% smaller than a diesel generator
* The best power-to-size ratio
* Compact size
* Light-weight
* Easy installation
* Maintenance-free
* Overload protection
* Safety leakage relay
* Residual current circuit breaker
* All Socket types available
* Auxiliary fuse/socket box available
* Low operating sound due to silent hydraulic motor
* CE marked
* Standard models with IP23 and IP54 protection classifications
* Standard models with NEMA 3 rating
* Standard models with pending UL certificate
* Standard models with 50Hz or 60Hz
* Models for all voltages available
* Automatic frequency control
* Automatic voltage control (3.5 kVA and 5 kVA models excluded)
* Integrated hydraulic motor
* No additional engines

## Applications

* Electric tools
* Lights
* Heaters
* Coolers
* Welders
* Submersible pumps
* 3-phase motors
* Back-up power

## How Does the Hydraulic Generator Work?

Hydraulic generator utilizes a machine’s, vehicle’s or vessel’s hydraulic system as power source

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