

## GEHP-83

### ENGINE

<b>Manufacturer</b>	Perkins
<b>Model</b>	1104A-44TG1
<b>Power</b>	101hp (1800rpm)   86hp (1500rpm)
<b>Cylinder</b>	4 in-line
<b>Displacement</b>	4.4 litres
<b>Compression</b>	17.25 : 1
<b>Aspiration</b>	Turbocharged
<b>Combustion</b>	Direct Injection
<b>Consumption</b>	17.7 l/h (60Hz)   14.8 l/h at 100% load
<b>Cooling System</b>	Water cooling
<b>Filters</b>	Air, fuel and oil
<b>DC System</b>	12V cc (with battery included), alternator and charger
<b>Panel</b>	RPM, hour meter, coolant temperature, oil pressure, manual start
<b>Protection</b>	Engine stopped with overheating and low oil pressure



### ALTERNATOR

<b>Manufacturer</b>	Heimer
<b>Model</b>	ATED
<b>Type</b>	Synchronous, brushless, 4 poles, 12 leads 3 phase or single phase (optional)
<b>Connection</b>	Star with accessible neutral
<b>Regulation</b>	Electronic voltage regulation within 2%
<b>Cooling System</b>	Shaft mounted fan
<b>Isolation</b>	Class "H"
<b>Bearings</b>	Single or double bearing (available under consult)



### POWER

<b>Stand By</b>	83 kVA - 66 kW / 60 Hz	66 kVA - 53 kW / 50 Hz
<b>Prime</b>	75 kVA - 60 kW / 60 Hz	60 kVA - 48 kW / 50 Hz

### DIMENSIONS

<b>Open Set</b>	2100mm L x 900mm W x 1500mm H
<b>Silent Set</b>	3000mm L x 1100mm W x 1830mm H

Base: steel base MIG welded with rubber feet for engine and alternator support for use during about 8 hours. (May be supplied separately if requested).

Silent Enclosure: (optional) Soundproofed to 75dB at 7m or 85dB at 1.5m

### AUTOMATIC SWITCHBOARD

Equipped with microprocessed modules of start and stop control and monitoring of engine protection variables.



DPC 560



DKG 307



RGK-60



DS-5520



DS-5510



DS-5560



EGCP-2

Accessories included: Muffler, flexible connection and vibra-stops.  
Technical, operation and maintenance manuals, electrical diagrams.

\* Pictures for illustrations only.

