

## GEHDO-493

### ENGINE

<b>Manufacturer</b>	Doosan
<b>Model</b>	P158LE
<b>Power</b>	594hp (1800rpm) / 555hp (1800rpm)
<b>Cylinder</b>	8 V
<b>Displacement</b>	14.618 litres (128 X 142mm)
<b>Compression</b>	14.6 : 1
<b>Aspiration</b>	Turbocharged, management system engine
<b>Combustion</b>	Direct injection, management system engine
<b>Consumption</b>	90 l/h (60Hz), 81,5 l/h (50Hz) at 75% load
<b>Cooling System</b>	Radiator and fan
<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 accesible 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>	493 kVA - 394 kW / 60Hz	394 kVA - 315 kW / 50 Hz
<b>Prime</b>	448 kVA - 359 kW / 60Hz	358 kVA - 287 kW / 50 Hz

### DIMENSIONS

<b>Open Set</b>	3100mm L x 1500mm W x 2110mm H
<b>Silent Set</b>	4300mm L x 1500mm W x 2130mm 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.

