

**OPEN SET**  
WATER COOLED

# SERIES GSW<sub>275V-590V</sub>

## GSW275V-590V: Power in isolation

A continuous supply of power, provided by high power output and extended running time, makes this range of generators the most suitable for powering sites not connected to a mains power supply. This range is also ideal for running lighting systems during a power failure.



### Powerful

The generating set produces a constant power with independence of load characteristics.

### Easy maintenance

New design gives easy access for maintenance and repair work.

### Large autonomy

Extended fuel capacity means continuous performance.

### Security

Generators are safeguarded against unauthorised use and minimise the potential of accidental damage.

MODEL		GSW275V	GSW330V	GSW415V	GSW450V	GSW510V	GSW560V	GSW590V
PRIME POWER	kVA/kWe	257/205	315/252	378/302	411/329	461/369	505/404	571/457
EMERGENCY POWER	kVA/kWe	275/220	330/264	414/331	437/350	507/406	546/437	601/481
ENGINE	VOLVO	TAD 740 GE	TAD 941 GE	TAD 1241 GE	TAD 1242 GE	TAD 1640 GE	TAD 1641 GE	TAD 1642 GE
AUTONOMY ( 75% LOAD)	h	11,4	13,2	11,2	10,2	9,4	8,4	7,4
FUEL TANK CAPAC.	l	448	636	636	636	636	636	636
DIMENSIONS (LxWxH)	mm	2950x1300x1800	3300x1400x1877	3300x1400x1907	3300x1400x1907	3500x1500x2120	3500x1500x2120	3500x1500x2120
WEIGHT	kg	2245	2800	3010	3100	3600	3770	3850

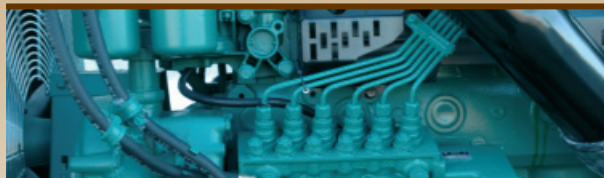
PRIME POWER (PRP) (ISO 8528) RATING: PERMISSIBLE POWER OUTPUT AT VARIABLE LOAD FOR AN UNLIMITED NUMBER OF HOURS. A 10% OVERLOAD CAPABILITY IS AVAILABLE

EMERGENCY POWER (LTP) (ISO 8528) RATING: STANDBY POWER AT VARIABLE LOAD. NO OVERLOAD CAPACITY IS AVAILABLE

ALL MODELS COMPLY WITH TA LUFT-4000 REGULATION

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## Reliable and powerful

- Thanks to the electronic governor Volvo Penta engines have an improved capacity to recover frequency after an abrupt load application.
- Tropicalised alternator continuously maintaining very good insulation level. The impregnation with epoxy resins protects the alternator windings in particular environmental conditions.
- Highly efficient alternators.
- Constant supply guaranteed by the electronic voltage regulator under any generator operating condition.
- The in-line six cylinders engine design (ISO) gives life to a wellbalanced system producing smooth and vibration-free performance, with a low noise level.

## Economic

- Excellent combustion and low fuel consumption due to low internal losses.
- The brushless construction of the generator (ISO) assures a long service life.



## Safety

- All metal parts are connected to an external grounding point. Fault currents are connected to the ground for your safety.
- Visible and accessible emergency shutdown switch (ISO) protects against incorrect use of the generator.



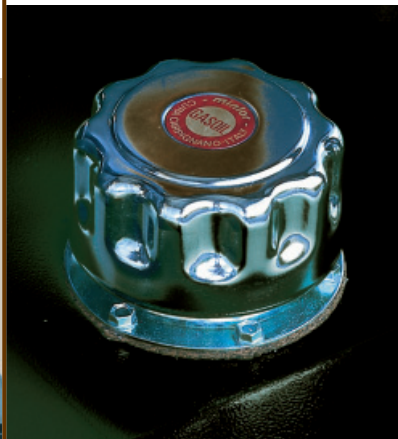
## Security

- The engine protection (stop solenoid) guarantees the shutdown of the machine when an engine failure occurs.
- Hot parts protection against accidental contact.
- The exhaust gas emissions meet the most restrictive regulations.
- Moving and rotating parts protection against accidental contacts.
- Industrial silencer (ISO) to reduce engine noise emissions.



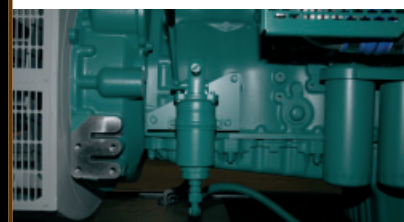
## Large autonomy

- High capacity fuel tank for longer work without fuel refilling (ISO).



## Easier use and maintenance

- A sturdy manual oil drain pump (ISO) is included.
- Easily accessible service and maintenance points contribute to machine's ease of service.
- Generating sets are delivered ready to start and they require no special foundations, so that they can be installed anywhere.
- Easy access to the fuel filling cap which is mounted on the base frame.



The producer reserves the right to introduce changes to models and features without prior notice. Models, version and associated products characteristics can vary according to the markets.

## CERTIFICATION

Production sites according to ISO 9001 / ISO 14001 directions



## SERVICE

After sales service world wide.  
12 months warranty.  
All the gensets are completely tested before dispatch.