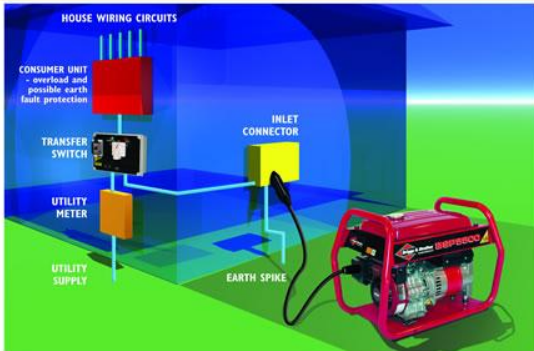
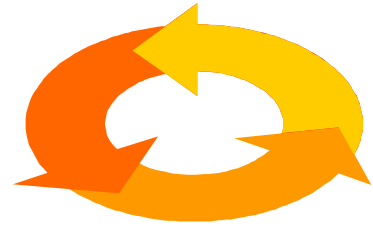


D.S.I. power ltd

Specialists in Supply, Installation and maintenance of Diesel Generators

To Tel. No
Attn: Fax. No.
From Pages 4
Date Our Ref.
Subject Small 10 – 12 kW LPG gas powered generator.



Further to your recent request, please find below our offer 'Small Office – Home Office' LPG generator. This quotation has a number of options for your consideration. From the information provided we have indicated our recommendations for your application.

DSI power Ltd are the installation and service arm for several of the world's leading suppliers of generators and battery UPS systems. Our standard range of generators between 250 watt and 3MW are equipped to very high specifications for today's exacting regulations and high tech appliances.

This 10,000 watt, 1 phase, 240 volt, 50Hz, unit is eminently suitable to provide electrical power to [remote dwellings](#) either as the only source of electrical power or where there is a need for standby generation in the event of a utility supply failure. We have included options for connection to both bulk LPG gas tanks or free standing cylinders together with automatic change over and pressure reducing valves for extended running times.

To get the best from this quotation please view when your computer is on line to the World Wide Web. Then by clicking on the [blue underlined hotlinks](#) you will be taken directly to web site pages for detailed explanation, data sheets and photographs.

Conversion of small petrol powered appliances and equipment to LPG Gas (propane or butane) is becoming increasingly popular not least because of the very low overall running costs. Converting petrol generators to run on LPG is a relatively simple task and has a number of advantages.

Lower purchase price. – LPG powered engines are typically 40 to 50% less expensive than diesel engines.

Lower running cost. – LPG is about 50% cheaper than petrol and 30% cheaper than diesel.

Easier refuelling – just change the cylinder – no need to stop the set.

LP gas powered engine **runs quieter** than petrol or diesel equivalents.

Running time can be extended according to cylinder size. No reduction in **performance** when load demand fluctuates.

Fire risk considerably **reduced** with minimum risk of fuel spillage. **No storage** problems compared with petrol or diesel.

Cleaner emissions allow use in public areas and other pollution sensitive applications.

Lower maintenance cost with extended life for spark plugs, engine oil and engine wear.

Automatic cylinder change over valve changes cylinder without stopping set.

Should you have any questions please do not hesitate to [contact us](#) when we will be pleased to discuss any points you may have. We look forward to your early order so installation can commence as soon as possible.

Regards, DSI power Ltd.

D.S.I. power Ltd. Unit 2, Pebble Vale, Sneyd Street, Sneyd Green, Stoke – on – Trent, ST6 2NP
Telephone 01782 214 125 Fax 01782 214 155

www.topgen.co.uk

<p>10KW GENERATOR</p> <p>To supply 1 number Honda powered P12000SEHPI quite running 240 volts ac 1 phase 50hZ generator having a continuous output of 9,100 watts plus 10% overload complete with transistorised ignition, automatic voltage regulation, manual key electric start with automatic idle control to give maximum fuel economy when low output power is demanded. The generator is supplied with a single power take off via a weather proof 62 amp plug and socket connection for single phase connection.</p>	£2,200		
The above generator as 3 phase 415 volts.	£2,589		
The above generator converted to run on LPG for quieter, lower running and maintenance costs.	£430		
<p>REMOTE MANUAL START STATION</p> <p>To provide a remote 'Off – <i>Start and Spring Return to Run</i>' manual key switch station to start the generator from within the house or office. Generator running and load indicators are included.</p>	£197		
<p>MANUAL LOAD TRANSFER -- SINGLE PHASE.</p> <p>To manually transfer the electric supply to your house from mains supply to the generator. In line with 2005 UK and CE Health and Safety regulations a 100 amp load transfer switch is required complete with ammeter indicating generator's safe working load together with battery back up emergency light unit giving you light during change over. Includes Remote Manual Start station as detailed above.</p>	£465		
<p>MANUAL LOAD TRANSFER -- THREE PHASE.</p> <p>As above and fitted with 4 pole change over switch.</p>	£497		
<p>START – ON - DEMAND.</p> <p>If you do not have mains electricity supply to your property, then this DEMAND-START unit will react to the need for electric power anything from a 40 watt light bulb to a high demand motor on a dish washer or water pump. The start on demand unit gives a signal to the generator to start and supply power. When the load is switch off the generator automatically shuts down making itself ready for the next start demand.</p>	£567		
<p>MAINS FAILURE WITH AUTOMATIC CHANGE OVER – SINGLE PHASE</p> <p>This application will be using the P12000 generator detailed above as standby to the mains utility supply. An integral Automatic Mains Failure (AMF) control monitors the utility mains supply for high and low voltage or for complete power outage.</p> <p>As the mains incoming supply fails, the generator will start and take over supplying electricity to your building automatically. You will experience a loss of power of between 5 and 12 seconds.</p> <p>As the mains returns to normal, power to your building will be returned to the mains supply and the generator will stop automatically, ready for the next mains outage.</p> <p>This system is complete with automatic engine 3 attempt start controls to suit LPG fuelled engines.</p> <p>To meet British Standard 761 (The Wiring Regulations 16th edition) a new 100 amp 3 pole mains utility isolator is included together with two – 100 amp three pole automatic change over contactors.</p>	£800		
<p>MAINS FAILURE WITH AUTOMATIC CHANGE OVER – THREE PHASE 415 VOLT</p> <p>As above and fitted with 4 pole change over contactors.</p>	£930		
<p>APPLICATION OF BUILDING REGULATIONS.</p> <p>Please be advised that as from February 2006 it is a statutory requirement that all modifications and or additions to domestic electrical wiring be carried out in accordance with 16th edition IEE wiring regulations and completed by Part 'P' qualified and registered electricians.</p> <p>DSI Power Ltd are so qualified and registered being empowered to issue a 'Part P' completion certificate meting all building regulations.</p> <p>Should you chose NOT to contract DSI Power Ltd to install your generator your installation will need building regulation approval from your local government planning department.</p>			

<p>GENERATOR INSTALLATION (100 mile radius of Birmingham).</p> <p>DSI Power Ltd offer to deliver, install and commission any equipment selected from this quotation to a garage, out building or exterior location adjacent to your main building.</p> <p>Power and Control cable runs of up to 30 meters between the generator and the AMF panel and 10 meters between the AMF panel and your mains incoming supply isolator are included with this option.</p> <p>DSI will supply and install up to 3 metres of above ground hard copper piping including through wall connection between the generator and gas cylinders. Also included in this option are isolating valves at both ends of the hard copper piping and flexible connections between generator to pipe & pipe to cylinder change over valve & valve to cylinders to meet current legislation.</p> <p>To prevent build up of engine exhaust gasses within the building the engine exhaust pipe will be extended up to 3 metres to exit at ground level through the building wall being insulated where necessary.</p>	£896		
<p>GENERATOR INSTALLATION (150 to 300 mile radius of Birmingham).</p> <p>As above but with our engineers having to stay over night to complete the work on a 2nd day.</p>	£1,750		
<p>VENTILATION KIT.</p> <p>When installing the generator inside a garage or small room it will be necessary to prevent build up of hot engine cooling air resulting in set shutdown. To this DSI power will supply, install and wire an electric extractor fan in a suitable location adjacent to the generator through one of the garage walls or entrance door at approximately 1 meter above the generator housing. Alternatively as a roof extractor van complete with weather protection where applicable. This fan will be connected directly to and run only when the generator is running.</p> <p>As required cold fresh air will be ducted into the generator room direct to the generator's air intake.</p>	£388		
<p>GAS CYLINDER INSTALLATION.</p> <p>When converted to LPG to run from gas cylinders, the generator must be supplied with automatic change over, low pressure cut out and isolation valves.</p> <p><u>Please note it is a statutory requirement that the gas cylinders are exterior located.</u></p> <p>In order that cylinders are available when our engineers are on site, If requested DSI Power will make arrangements for delivery of gas cylinders with a local LPG supplier. Please note it is the customer's responsibility to enter into any lease agreement as may be required by the local gas supplier.</p>	£195		
<p>BULK GAS TANK OPTION.</p> <p>When converted to LPG to run from a bulk gas storage tank, the gas supply line to the generator bulk tank must be fitted with low pressure cut out and isolating valves.</p> <p><u>Your bulk tank gas supplier must be notified before any additional connections are made.</u></p> <p>We have NOT included for the bulk tank supply and or it's installation and or any tank connections.</p>	£270		
<p>LIGHTING PROTECTION & SAFETY EARTH</p> <p>To meet British Standard 761 (The Wiring Regulations 16th edition) and CE legislation an additional safety earth grounding spike is required with all generator installations. DSI power Ltd will supply – dig earth pit, install earth spike, cable to generator, test.</p>	£155		
<p>LEFT AND VANDALISM</p> <p>For increased protection against theft and vandalism, it may be prudent – depending on your location – that the generator and the gas cylinders be mounted on a substantial steel base enclosed in a strong wire mesh gaud. Perhaps with the addition of a roof to provide extreme weather protection without compromising fumes ventilation. Please discuss this option with our application engineers.</p>	£980		

<p>DOCUMENTATION</p> <p>DSI power Ltd supply the genuine HONDA operators manual giving general operation and service recommendations together with a running hours log book.</p> <p>DSI recommended the engine lubricating oil be checked and topped up as required every time a gas cylinder or bulk tank is replenished.</p> <p>Your generator is covered with original engine manufactures warranty for 12 months and DSI give a 12 months warranty on all installation work. This warranty can be extended to 36 months by taking out the service and maintaining contract below.</p>			
<p>SERVICE AND MAINTENANCE</p> <p>Complying with Honda's recommendations, DSI Power offer a service and maintenance contract having 2 visits per year with 24 hour emergency call out contracted for an initial period of 36 months.</p> <p>The price of £1,200 is for 6 visits over 3 years and is payable as each visit is completed. i.e. £200 per service. For full details of service please click here.</p>	<p>£1,200 for 36 months</p>		
<p>For generator supply only – no installation – there is a small packing charge and delivery cost.</p> <p>This UK mainland only delivery cost is covered in electrical installation option above.</p>	<p>£150</p>		
<p>Total EX VAT price per unit.</p>			<p>£</p>
<p>Prices are in GB £ pound sterling ex-works excluding UK VAT.</p> <p>This quotation was revised in November 2006 and will remain valid until April 2007.</p>			
<p>Generators are normally available 7 to 10 days from receipt of deposit. Gas conversation then takes a further 4 to 5 days.</p> <p>Installation depending on options and our work loading at time of order is normally within 2 to 3 weeks from order confirmation.</p> <p>Payment: - Deposit £2,500 or 35% of total contract value whichever is the larger to confirm your order</p> <p>Balance is due on completion of installation as our engineers depart from site.</p>			

We trust this is satisfactory.

Regards .

info@topgen.co.uk
www.topgen.co.uk