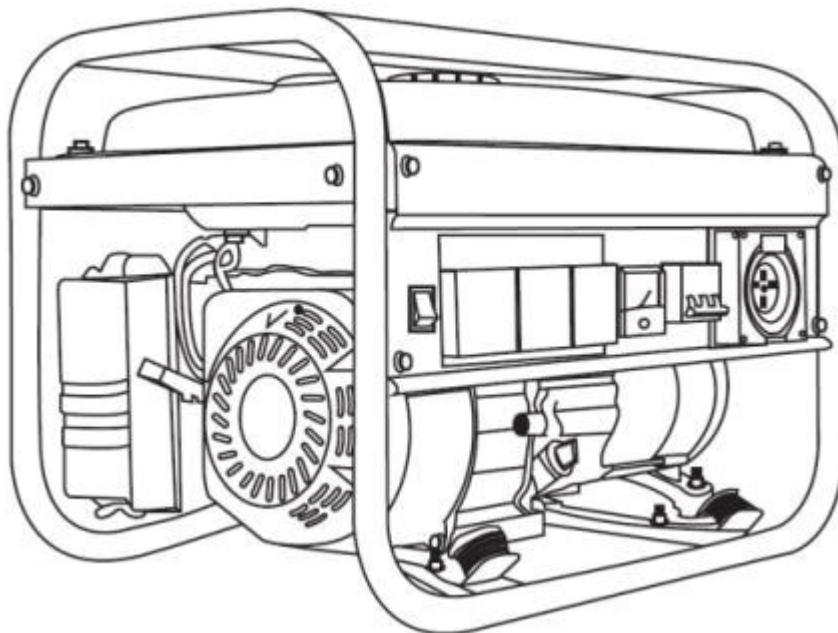


# User manual

## Generators (open frame type)



**⚠ WARNING!** Read and follow all safety warnings and instructions carefully before using this machine. Failure to follow the warnings and instructions may result in electric shock, fire and/or serious injury. Save this manual for future reference.

**⚠ ATTENTION!** Products covered by this manual will vary in appearance, assembly, inclusions, description and packaging.

**⚠ NOTE!** This manual covers multiple styles of generators as well as options / accessories that may not be suitable for the machine you have purchased.

**⚠ IMPORTANT!** A UPS or power filter is recommended for powering expensive equipment (all models).

[Revision 2.0 October 2018]



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# Safety Warnings

## General Safety Warnings



**It is important you read and understand the instruction manual before use and keep the manual in a safe place for future reference.**



**Safety precautions must be observed to reduce the risk of personal injury when operating this generator.**



**The Generator is a potential source of electric shock if misused. DO NOT expose the generator to moisture, rain or snow. Do not let the generator get wet. Do not operate the generator with wet hands.**



**It is strongly recommended that a comprehensive training course on machine use, fuel handling safety and engine operation be completed before attempting to use this machine.**

Like all power equipment this unit must be handled carefully:

Do not expose yourself or others to danger. Do not permit others to use this generator unless they have read this manual and are trained in its operation. Do not operate if the generator is damaged or is in an excessively worn state. To reduce fire hazards keep the engine and silencer free of debris, leaves, or excessive lubricant. Do not use any attachments or accessories with the generator other than the ones recommended by the supplier. Serious injury to the operator or bystanders can result as well as cause damage to the generator. Always use proper handles when moving the generator. Keep the generator in a horizontal position on a firm flat surface. Do not tilt. Do not use the unit if it is damaged or poorly adjusted. Never remove the generator's coverings. Serious injury to the operator

or bystanders could result as well as damage to the generator. Do not use this unit for any job other than those for which it is intended as described in this manual. In start-up or during or after operation of the engine, never touch hot parts such as the muffler, the high voltage wire or the spark plug. Do not operate the generator in the rain or under wet conditions. Always ensure all handles, guards and covers are fitted when using the generator. Always keep the generator away from naked flame or sparks. Always stop the engine or disconnect from mains before cleaning / clearing a blockage or checking, maintaining or working on the generator. Connections to a building's electrical system must be made by a qualified electrician and must comply with all applicable laws and electrical codes. Improper connections can allow an electrical current from the generator to back feed into power lines. Such back feed may electrocute utility company workers or others who contact the lines during a power outage. Improper connections may cause the generator to explode, burn or cause fires in the building's electrical system.

## Transporting the Generator

The engine should be turned off when the generator is moved between areas and when transporting or storing the generator. Always turn off the engine. When transporting in a vehicle: properly secure your generator to prevent turnover, fuel spillage and damage.

## Fuelling



**Petrol is an extremely flammable fuel. Keep clear of naked flames. Do not spill any fuel – do not smoke near fuel or the generator.**

Always shut off the engine before refuelling. Do not fuel a hot engine – fuel may spill and cause a fire. Open the fuel cap carefully to allow any pressure build-up in the tank to release slowly and avoid fuel spillage. Fuel your generator only in well ventilated areas. If you spill fuel, wipe the generator immediately – if fuel gets on your clothing, change immediately. To reduce

the risk of serious or fatal burn injuries, check for fuel leakage. If fuel leakage is found, do not start or run the engine until leak is fixed.

## During Operation

Make sure you always have good balance and secure footing. Always be aware of your surroundings and stay alert for possible hazards that you may not hear due to the noise of the generator.

**⚠️ Never allow children to access the generator.**

Avoid operating while people, especially children or pets are nearby. To reduce the risk of injury or damage, do not allow any other persons within a radius of 1 metre of the product. To reduce the risk of damage to property, also maintain this distance from other objects (vehicles, windows).

## After Use

Always clean dust and dirt off the generator – do not use any grease solvents. Always keep the generator clean, especially, the fuel tank, its surroundings, and the air cleaner. After the engine has stopped, the engine and exhaust components will still be hot. Never place the generator in any places where there are flammable materials such as dry grass, combustible gases or combustible liquids etc. Let the engine cool before storing the generator indoors.

## Maintenance and Repairs

Service the generator regularly. Do not attempt any maintenance or repair work not described in this instruction manual. Have all other work performed by a servicing dealer. We recommend that you have servicing and repair work carried out exclusively by an authorised service person. Before proceeding to adjust or repair the generator, be sure to stop the engine and detach the spark plug. Never attempt to make engine adjustments while the unit is running. Always make engine adjustments with the unit resting on a flat, clear surface. Replace any worn, damaged or removed warning labels immediately.

## **IMPORTANT! - Machine, Fuel handling or Electrical Safety**

If you are not familiar with safe operation / handling of this machine, or are in any way unsure of any object of this products suitability or correct use for your application you should complete training conducted by a person or organisation qualified in safe use and training related to this product.

**Some experts believe the use of almost any product could cause serious injury or death. For information that may reduce your risk of serious injury or death consult the points below and additionally, the information available at [www.datastreamserver.com/safety](http://www.datastreamserver.com/safety)**

- Consult all documentation, packaging and product labelling before use. Note that some products feature online documentation which should be printed and kept with the product.

- Check product for loose/broken/damaged/missing parts, wear or leaks (if applicable) before each use. Never use a product with loose/broken/damaged/missing parts, wear or leaks (if applicable).

- Product must be inspected and serviced (if applicable) by a qualified specialist every 6 months assuming average residential use by a person of average weight and strength, above average technical aptitude, on a property matching average metropolitan specification. Intended use outside these guidelines could indicate the product is not suitable for intended use or may require more regular inspection or servicing.

- Ensure all possible users of the product have completed an industry recognised training course before being given access to the product.

- The product has been supplied by a general merchandise retailer that may not be familiar with your specific application or your description of the application. Be sure to attain third party approval for your application from a qualified specialist before use regardless of prior assurances by the retailer or its representatives.

- This product is not intended for use where fail-safe operation is required. As with any product (take an automobile, aircraft, computer or ball point pen for example) there is always a small chance of a technical issue that needs to be repaired or may require replacement of the product or a part. If the possibility of such failure and the associated time it takes to rectify could in any situation inconvenience the user, business or employee or could financially affect the user, business or employee then the product is not suitable for your requirements. This product is not for use where incorrect operation or a failure of any kind, including but not limited to a condition requiring product return, replacement, service by a technician or replacement of parts could cause a financial loss, loss of employee time or an inconvenience requiring compensation.

- If this item has been purchased in error considering the points above simply contact the retailer directly for details of their returns policies if required.



## **DANGER**

**Using an engine indoors CAN KILL YOU IN MINUTES.**

**Engine exhaust contains carbon monoxide. This is a poison you cannot see or smell.**



**NEVER use inside a home or garage, EVEN IF doors and windows are open.**



**Only use OUTSIDE and far away from windows, doors, and vents.**

**Avoid other hazards.  
READ MANUAL BEFORE USE.**

1. DO NOT OPERATE IN A HAZARDOUS LOCATION. SUCH AREAS INCLUDE WHERE THERE IS A RISK OF EXPLOSION OF PETROL FUMES, LEAKING GAS OR EXPLOSIVE DUSTS.
2. DO NOT OPERATE IN A CONFINED AREA WHERE EXHAUST GASES, SMOKE OR FUMES COULD REACH DANGEROUS CONCENTRATIONS.
3. DO NOT REFUEL WHILE ENGINE IS RUNNING.
4. FOR GENERATORS ONLY: THE OUTPUT OF THIS GENERATING SET IS POTENTIALLY LETHAL. THE SET SHOULD NOT BE CONNECTED TO A FIXED ELECTRICAL INSTALLATION EXCEPT BY AN APPROPRIATELY LICENSED PERSON.
5. NOT WEATHERPROOF - PROTECT YOUR MACHINE. THIS MACHINE IS NOT WEATHERPROOF AND SHOULD NOT BE EXPOSED TO DIRECT SUNLIGHT, HIGH AMBIENT TEMPERATURE OR DAMP, WET OR HIGH HUMIDITY CONDITIONS.
6. EXPLOSION HAZARD: NEVER SMOKE WHILE REFUELLED.
7. TAKE CARE NOT TO SPILL FUEL. WHEN REFUELLED THE ENGINE ENSURE THAT THE ENGINE HAS BEEN SWITCHED OFF AND THAT ALL PARTS HAVE BEEN ALLOWED TO COOL. PREVENT THE SPILLING OF FUEL AS THIS MAY ALSO IGNITE WITH A HOT ENGINE. NEVER REFUEL WHILST THE ENGINE IS RUNNING.

## Parts Diagram

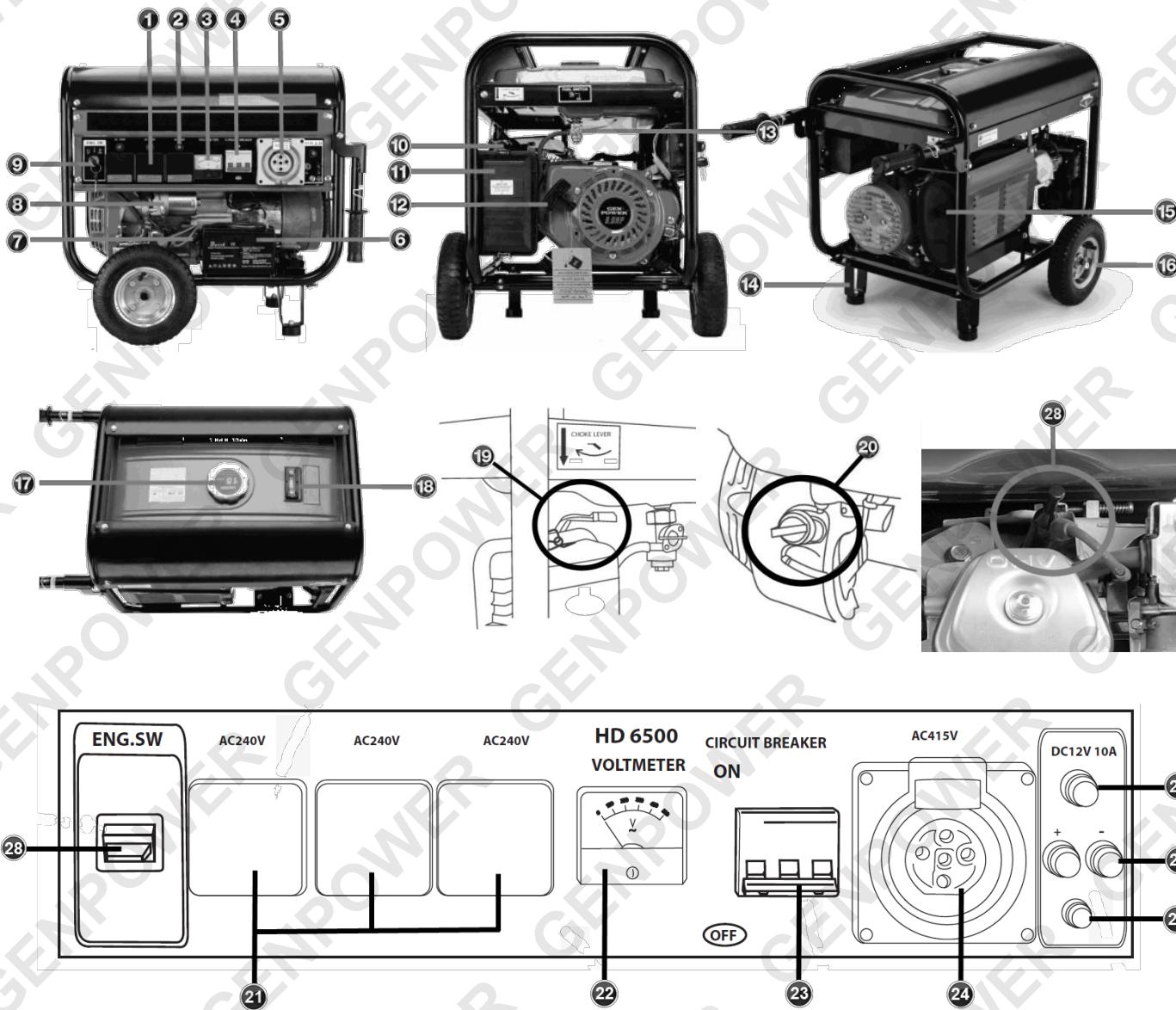
**⚠ ATTENTION!** Products covered by this manual will vary in appearance, assembly, inclusions, description and packaging.

1. AC socket
2. Circuit Breaker reset button
3. Voltmeter\*
4. AC Circuit Breaker\*
5. 3-Phase AC socket\*
6. Battery\*
7. Oil filler cap (7 & 20)
8. Starter motor\*
9. Ignition key\*
10. Choke lever (10 & 19)

\*(if equipped)

11. Air filter\*
12. Pull Start chord & grip
13. Fuel On/Off switch
14. Frame stand\*
15. Exhaust outlet
16. Wheels\*
17. Fuel filler cap
18. Fuel gauge\*
19. Choke Lever (10 & 19)
20. Oil filler cap (7 & 20)

21. AC Socket
22. Voltmeter\*
23. AC Circuit Breaker\*
24. 3-Phase AC socket\*
25. Ground
26. DC output
27. DC 10A fuse
28. Spark plug & lead



## Before use

### Connecting the Battery (if equipped)

**⚠ For safety the connection plugs were disconnected from battery before shipping. Please follow the below steps to connect your battery.**

1. Bolt the RED wire to the POSITIVE terminal and the BLACK wire to the NEGATIVE terminal on the battery.
2. Replace the battery cover plate.

**⚠ NOTE!** The battery is self-charging through general use however there may be need on occasion to remove the battery and charge it with an appropriate charger or jump start (selected 4-Stroke petrol and Diesel versions only).

### Fitting the Wheels (applicable models)

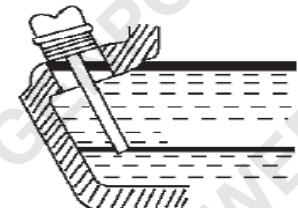
Installing one side at a time simply slide one wheel onto the axle followed by one washer, pass the split pin through the axle and bend the legs out and around the axle.

### Adding Oil (4-Stroke and Diesel engines only)

**⚠ WARNING!** Using the wrong oil can damage your engine and void warranty.

**⚠ Acceptable Oil Grades:**  
10W-30 / 10W-40 / 15W-30 / 15W-40.

**⚠ WARNING!** Do not overfill or tilt while filling.



#### With the engine perfectly level:

1. Remove the small engine oil filler cap on the side of the engine.
2. Fill with engine oil until oil starts to run back out of the filler hole.
3. Replace the filler cap.

## Adding Fuel

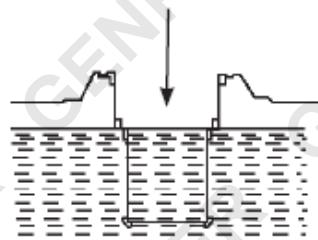
**CAUTION!** Use only clean, fresh non-ethanol unleaded (4-stroke petrol models) or clean, fresh commercially available pump diesel (diesel models). Be sure to confirm the engine type before adding fuel.

**WARNING!** Do not use fuel substitutes such as ethanol, methanol or biofuel. Using such fuel will cause damage and void any applicable warranty.

**CAUTION!** Before refuelling ensure the engine is switched off and is cool.

**NOTE!** It is normal for smoke to be emitted from a new engine for the first 5 hours of use while running in.

1. Clean surface around fuel cap to prevent contamination.
2. Loosen fuel cap slowly. Rest the cap on a clean surface.
3. Carefully pour fuel into the tank. Avoid spillage.
4. Prior to replacing the fuel cap, clean and inspect the gasket.
5. Immediately replace fuel cap and hand tighten. Wipe up any fuel spillage.



# Starting the engine

**⚠ CAUTION!** The starter grip can be drawn back very quickly before you can release it. This may pull your hand forcefully toward the engine and cause an injury.

**⚠ CAUTION!** Do not allow the starter grip to snap back. Return it slowly by hand.

**⚠ ATTENTION!** Disconnect all appliances before starting engine.

## 4-Stroke Petrol Engines

1. Turn the "Fuel Cap Vent" (twist knob on fuel cap) to "ON" (if equipped).
2. Turn the "Fuel Valve" to "ON".
3. **Set the Choke** (if equipped); move the "choke lever" to the left ("Cold Start" position).
4. Turn the "ignition key" to "ON" (if equipped) otherwise turn the engine switch to "ON".
5. **Start the engine**:

**Electric Start** (if equipped): If the battery has enough charge, use the ignition key or switch to start the engine by placing it in the "Start" position for a few seconds (new batteries can have no/little charge; use pull-start, jump start or change battery if needed).

**Pull Start** (if equipped): Pull the "start cord" until the engine starts (see example image below).

6. Move the "Choke Lever" to the right ("Run" position).
7. Turn on any protective switches / circuit breakers.
8. Connect your appliance(s).
9. Turn on your appliance(s).

### IF ENGINE WILL NOT START:

1. Repeat the process above but place and leave the "choke lever" to the right ("Run" position).
2. Check engine oil level and ensure level is at or just under "maximum".
3. Charge battery or jump-start if needed.
4. See section "Troubleshooting".

## Diesel Engines

**⚠ ATTENTION!** Disconnect all appliances before starting engine.

1. Turn the "Fuel Valve" to "ON".
2. Turn the "ignition key" to "ON" (if equipped) otherwise turn the engine switch to "ON".
3. **Start the engine**:

If the battery has enough charge, use the ignition key or switch to start the engine by placing it in the "Start" position for a few seconds (new batteries can have no/little charge; jump start or change battery if needed).

4. Turn on any protective switches / circuit breakers.
5. Connect your appliance(s).
6. Turn on your appliance(s).

### IF ENGINE WILL NOT START:

1. Check engine oil level and ensure level is at or just under "maximum".
2. Charge battery or jump-start if needed.
3. See section "Troubleshooting".

## Remote control start (if equipped)

**⚠** Applicable generators may be fitted with an isolator switch; you must have this switch turned on to be able to use the remote control to start / stop the engine. Some model generators must have the ignition key or engine switch in the "ON" position to allow the remote to work.

**⚠** **IMPORTANT!** If you leave the ignition on without the engine running for extended periods it will drain the battery.

1. Keys
2. Stop Button
3. Start Button



- To turn ON - Press the "Start" button once to activate, then press and hold until unit starts.
- To turn OFF - Press the "Stop" button.

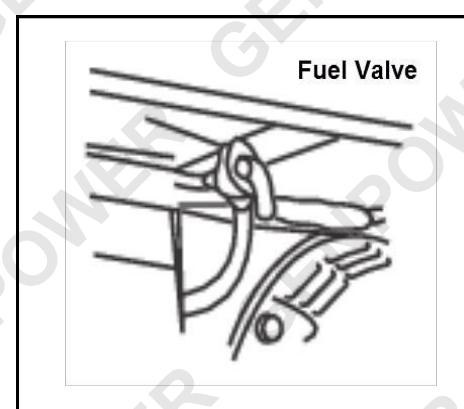
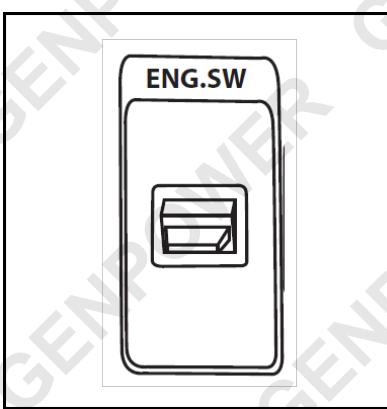
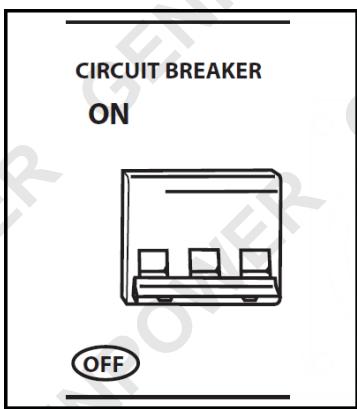
6. Once the engine starts, allow it to run continuously and warm up for a short time.
7. Once warm, slide the choke lever (if equipped) to the "RUN" position.

**⚠** **Note** - Choosing the correct choke position is important for engine starting. You may have to practice a few times to use the choke correctly.

## Stopping the Engine

To stop the engine in an emergency, turn the engine switch to the OFF position. In normal use:

1. Switch OFF all connected equipment and pull the inserted plug out.
2. Switch OFF the "AC Circuit Breaker".
3. Turn the "engine switch" to the OFF position.
4. Turn "fuel valve" to the OFF position.



# Using your Generator

## Fuel

**⚠ WARNING!** Fuel is extremely flammable and is explosive under certain conditions.

**⚠ WARNING!** Refuel in a well-ventilated area with the engine stopped. Do not smoke or allow flames or sparks in the area where the engine is refuelled or where fuel is stored.

**⚠ WARNING!** Do not overfill the fuel tank. After refuelling, make sure the fuel filter cap is closed properly and securely.

**⚠ CAUTION!** Use only clean, fresh non-ethanol unleaded (4-stroke petrol models) or clean, fresh commercially available pump diesel (diesel models). Be sure to confirm the engine type before adding fuel.

**⚠ WARNING!** Be careful not to spill fuel when refuelling. Spilled fuel or fuel vapour may ignite. If any fuel is spilled, make sure the area is dry before starting the engine.

**⚠ WARNING!** Avoid repeated or prolonged contact with skin or breathing in of vapour.

**⚠ WARNING!** Keep out of reach of children.

1. Fill the fuel tank until you can see the fuel rise up into the strainer tube or reach the upper limit mark.
2. After refuelling, tighten the fuel filler cap securely.

## Checking the Air Filter

1. Unclip the air cleaner cover and remove.
2. Remove the air cleaner and clean or replace.  
(Refer to section "Cleaning the filter")
3. Re-assemble in the reverse order.

## Cleaning the air filter

**⚠ NOTICE!** It is normal for a small amount of oil may leak under the air filter box if the generator is running for a long period of time. Wipe excess oil after each 10 hours of use.

**⚠ NOTE!** Never run the engine without the air cleaner. Rapid engine wear will result from contaminants, such as dust and dirt, being drawn through the carburettor into the engine.

**⚠** See section "Cleaning the Air filter" for more information.

## Checking the Oil Level

Visually inspect the oil level by opening the "oil filler cap". Oil should be just touching the outer most brim of the oil filler hole, See section "adding oil" for more information.

### Oil alert system (if equipped)

**ATTENTION!** Generators must operate on a level surface or engine damage may occur.

**WARNING!** This is a backup feature only; warranty is void if run with low oil.

**ATTENTION!** Check Oil level before each use or every 3 hours of continuous running.

The oil alert system is designed to reduce the chance of engine damage caused by an insufficient amount of oil in the crankcase. Before the oil level in the crankcase falls below a safe limit, the oil alert system will automatically shut down the engine (the engine switch will remain in the ON position).

If the oil alert system shuts down the engine, the oil alert indicator light (red) will come on when you operate the starter, and the engine will not run. If this occurs, add engine oil. Always check the oil before starting the engine.

### AC applications

1. Ensure all appliances have been disconnected from the generator.
2. Start the engine. Turn on all circuit breakers.
3. Make sure the output indicator light stays on or the Voltmeter indicates steady power output. (indicators vary between models)
4. Connect appliances one-by-one (spread the load over all 240V outlets if you purchased a 3-Phase).
5. Switch all circuit breakers to "ON".
6. Switch on your appliances one-by-one taking care not to overload the generator.

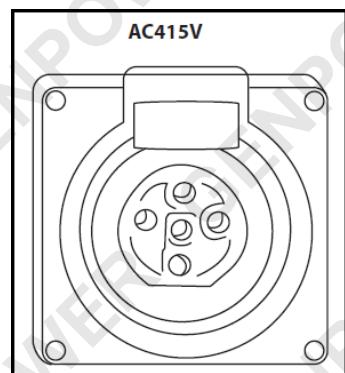
### DC applications

#### Charging 12V automotive batteries:

- The DC receptacle may be used while the AC power is in use.
- An overloaded DC circuit will trip the DC circuit protector. If this happens, unload the DC load before pushing in the circuit protector to resume operation.

### 3-Phase applications (selected models only)

If you have purchased a 3-Phase type generator you will see that it has a large industrial 415V outlet in addition to the standard 240V household style outlets.



### Generator Display Panel (selected models only)

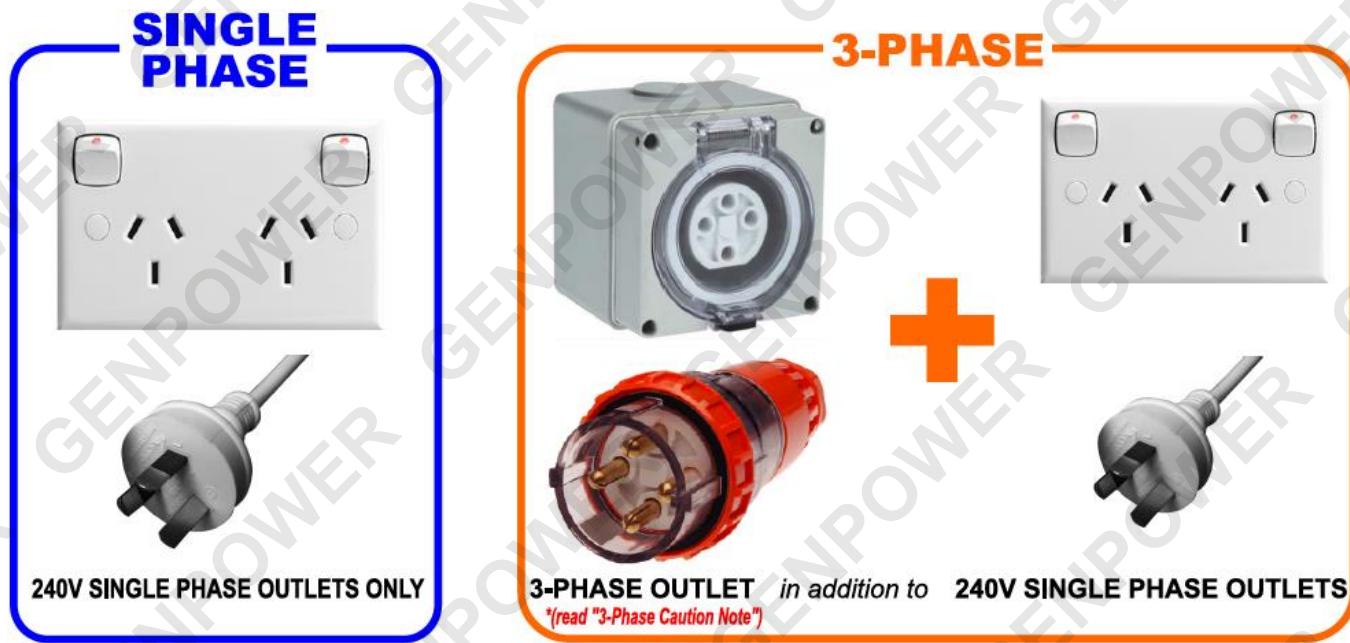
The generator may feature a display panel that shows you various information. Press MODE to switch between the following displays:

- The current AC voltage being produced (eg: "240V").
- The current AC voltage frequency being produced (eg: 50Hz").
- The total time that the generator engine has been running in hours and minutes. This is for maintenance purposes as it helps you to keep track of when maintenance is required (eg: "12:20").



## Balancing power on a 3-Phase generator

- IMPORTANT!** This section only applies to 3-Phase capable generators.
- WARNING!** Failure to balance output on a 3-Phase generator can cause damage and void warranty.
- IMPORTANT!** Only one third of the total generator capacity is available from any single phase 240v outlet.
- WARNING!** 3-Phase generators are not suitable for running power-hungry appliances from 240v Single Phase outlets.
- WARNING!** Appliances that draw surges of power should not be run from the 240v single phase outlets on 3-phase generators.



## Residual Current Device (RCD) Circuit Breaker (if equipped)

**⚠️ WARNING!** If the RCD is tripped due to earth leakage of a connected device or appliance, have the device inspected and repaired by a qualified technician. If the device is faulty, do not use it until it is safe to do so.

The RCD circuit breaker is designed to protect users from electric shock or electrocution in the event of a device/appliance malfunction or short-circuit. If the RCD is tripped, all power outlets are automatically switched off, however, the generator will continue to run.

To reset the RCD, ensure that the faulty device is no longer connected to the generator or the cause for the earth leakage is removed, then unscrew the RCD cover screw, lift the cover and place the RCD switch in the "ON" position.



## Maintenance

### Cleaning the air filter

**⚠️ NOTICE!** It is normal for a small amount of oil may leak under the air filter box if the generator is running for a long period of time. Wipe excess oil after each 10 hours of use.

1. Blow out with compressed air.
2. Wipe dirt from the air cleaner body and cover, using a moist rag. Be careful to prevent dirt from entering the carburettor.

**⚠️ NOTE!** Never run the engine without the air cleaner. Rapid engine wear will result from contaminants, such as dust and dirt, being drawn through the carburettor into the engine.

### Changing the oil

**⚠️ NOTE!** Drain the oil while the engine is still warm but not hot to assure rapid and complete draining.

**⚠️ IMPORTANT!** Make sure to turn the engine switch OFF before draining.

**⚠️ NOTE!** When the oil is drained it is an optimal time to clean the oil filter strainer.

1. Drain the oil while the engine is still warm but not hot to assure rapid and complete draining.
2. Make sure to turn the engine switch OFF before draining.
3. Tilt the generator to one side to drain out the oil.
4. Fasten an oil lead pipe onto the oil filler, then tilt the generator to one side to drain out the oil.
5. Refill with new oil and check the oil level (see section "checking the oil").
6. After refilling with new oil, rock the generator left to right to make sure the internal oil alarm sensor detects the new oil.
7. Wash your hands with soap and water after handling oil.

**⚠️ Please dispose of used motor oil in a manner that is compatible with the environment. We suggest you take it in a sealed container to your local waste disposal station for free reclamation. Do not throw it in the trash or pour it on the ground.**

## Spark Plug Service

**⚠ CAUTION!** The Spark plug must be securely tightened. An improperly tightened plug can become very hot and possibly damage the generator.

**⚠ CAUTION!** Never use a spark plug with an improper heat range.

To ensure proper engine operation, the spark plug must be properly gapped and free of deposits.

1. Remove the spark plug cap.
2. Clean any dirt form around the spark plug base.
3. Use a spark plug wrench to remove the spark plug
4. Visually inspect the spark plug. Discard it if the insulator is cracked, chipped or fouled. Clean the spark plug with a wire brush if it is to be reused.
5. Measure the plug gap with a feeler gauge. Correct as necessary by carefully bending the side electrode.
6. Install the spark plug carefully by hand to avoid cross-threading.
7. After a new spark plug has been seated by hand, it should be tightened  $\frac{1}{2}$  turn with a wrench to compress its washer. If a used plug is being reinstalled, it should only require  $\frac{1}{8}$  to  $\frac{1}{4}$  turn after being seated.
8. Reinstall the spark plug cap on the spark plug securely.
9. Reinstall the spark plug maintenance cover.

4-Stroke Petrol Engine Service Schedule	Each Use	Every 1 Month	Every 3 Months	Every 6 Months	Every 12 Months
		or Every 15hrs	or Every 30hrs	or Every 60hrs	or Every 100hrs
		(Whichever comes first)	(Whichever comes first)	(Whichever comes first)	(Whichever comes first)
Engine Oil	CHECK	REPLACE			
Engine Oil Filter (if equipped)				REPLACE	
Check machine for loose nuts/screws	CHECK				
Tighten all nuts & screws			COMPLETE		
Fuel Strainer Cup (If Equipped)	CHECK				
Air Cleaner	CHECK		CLEAN / REPLACE AS NECESSARY		
Fuel Filter (if equipped)			CHECK	REPLACE	
Pressure Washer Pump Oil (Sealed Type) [Pressure Washers Only]			SEALED TYPE PUMP IS MAINTENANCE FREE		
Pressure Washer Pump Oil (Pump with Vent Plug) [Pressure Washers Only]			CHECK	REPLACE	
Hydraulic Fluid [Log Splitters Only]					REPLACE
Cutting Blades / Chain [Items with Blade(s) / Chain Only]	CHECK		REPLACE AS NECESSARY		
Spark Plug			CHECK	REPLACE	
Clean/Flush Fuel Tank					COMPLETE
Fuel Line	CHECK		REPLACE AS NECESSARY		
Adjust Idle Speed					ADJUST
Valve Clearance					ADJUST
Cylinder Head Cover					CHECK
Clean combustion chamber					COMPLETE AS NEEDED

Harsh conditions such as high temperature operation, higher than normal loads and dusty applications will require reduced service intervals.

Max. continuous running time without cool-off / daily check assuming full oil level and no noticeable oil usage or other concerns - 4hrs (except diesel)

The manufacturer recommends that the number of hours per year be within the stated range for optimum machine performance, based on factors including consumable replacement intervals and machine life over an extended warranty period - recommended 260hrs.

Please note: Product failure as a result of not following the service schedule will void warranty. Be sure to keep records/receipts of all maintenance carried out for verification should a warranty query arise. The machine must be kept clean and out of the weather and have all damaged/broken parts replaced in order to be covered by warranty. Items purchased at discount/clearance prices have been known to be treated with less respect than items that are purchased at full retail. Items that show signs of neglect, abuse or lack of care qualify for warranty coverage at the discretion of the provider. In cases where the item has not been well kept, maintained or serviced qualify for warranty coverage at the discretion of the provider.

Diesel Engine Service Schedule	Each Use	Every 1 Month	Every 3 Months	Every 6 Months	Every 12 Months
		or Every 15hrs	or Every 30hrs	or Every 60hrs	or Every 100hrs
		(Whichever comes first)	(Whichever comes first)	(Whichever comes first)	(Whichever comes first)
Engine Oil	CHECK	REPLACE			
Engine Oil Filter (if equipped)				REPLACE	
Check machine for loose nuts/screws	CHECK				
Tighten all nuts & screws			COMPLETE		
Fuel Strainer Cup (If Equipped)	CHECK				
Air Cleaner	CHECK		CLEAN / REPLACE AS NECESSARY		
Fuel Filter (if equipped)			CHECK	REPLACE	
Pressure Washer Pump Oil (Sealed Type) [Pressure Washers Only]			SEALED TYPE PUMP IS MAINTENANCE FREE		
Pressure Washer Pump Oil (Pump with Vent Plug) [Pressure Washers Only]			CHECK	REPLACE	
Hydraulic Fluid [Log Splitters Only]					REPLACE
Cutting Blades / Chain [Items with Blade(s) / Chain Only]	CHECK		REPLACE AS NECESSARY		
Clean/Flush Fuel Tank			CHECK	REPLACE	
Fuel Line	CHECK		REPLACE AS NECESSARY		
Valve Clearance					ADJUST
Cylinder Head Cover					CHECK
Clean combustion chamber					COMPLETE AS NEEDED

Harsh conditions such as high temperature operation, higher than normal loads and dusty applications will require reduced service intervals.

Max. continuous running time without cool-off / daily check assuming full oil level and no noticeable oil usage or other concerns - 6hrs

The manufacturer recommends that the number of hours per year be within the stated range for optimum machine performance, based on factors including consumable replacement intervals and machine life over an extended warranty period - recommended 260hrs.

Please note: Product failure as a result of not following the service schedule will void warranty. Be sure to keep records/receipts of all maintenance carried out for verification should a warranty query arise. The machine must be kept clean and out of the weather and have all damaged/broken parts replaced in order to be covered by warranty. Items purchased at discount/clearance prices have been known to be treated with less respect than items that are purchased at full retail. Items that show signs of neglect, abuse or lack of care qualify for warranty coverage at the discretion of the provider. In cases where the item has not been well kept, maintained or serviced qualify for warranty coverage at the discretion of the provider.

## Transporting/Storage

To prevent fuel spillage when transporting or during temporary storage, the generator should be secured upright in its normal operating position, with the engine switch and fuel switch OFF and the fuel cap vent closed. It is also recommended the remote control switch be turned off to avoid accidental starting.

**⚠ WARNING!** Before storing the unit for an extended period be sure the storage area is free from excessive humidity and dust.

**⚠ WARNING!** Do not operate the generator while it is on a vehicle. Take the generator off the vehicle and use it in a well-ventilated place.

**⚠ WARNING!** Do not drive on a rough road for an extended

period with the generator on board. If you must transport the generator on a rough road, drain the fuel from the generator beforehand.

**⚠ WARNING!** Do not overfill the tank (there should be no fuel in the filler neck).

**⚠ WARNING!** Avoid a place exposed to direct sunlight when putting the generator on a vehicle. If the generator

is left in an enclosed vehicle for many hours, high temperature inside the vehicle could cause fuel to vaporise resulting in a possible explosion.

**⚠ NOTE!** In the case of storing the product for a long period of time, clean the fuel tank after running it empty. Next, activate the engine and empty the carburettor of any remaining fuel.

## Draining the fuel

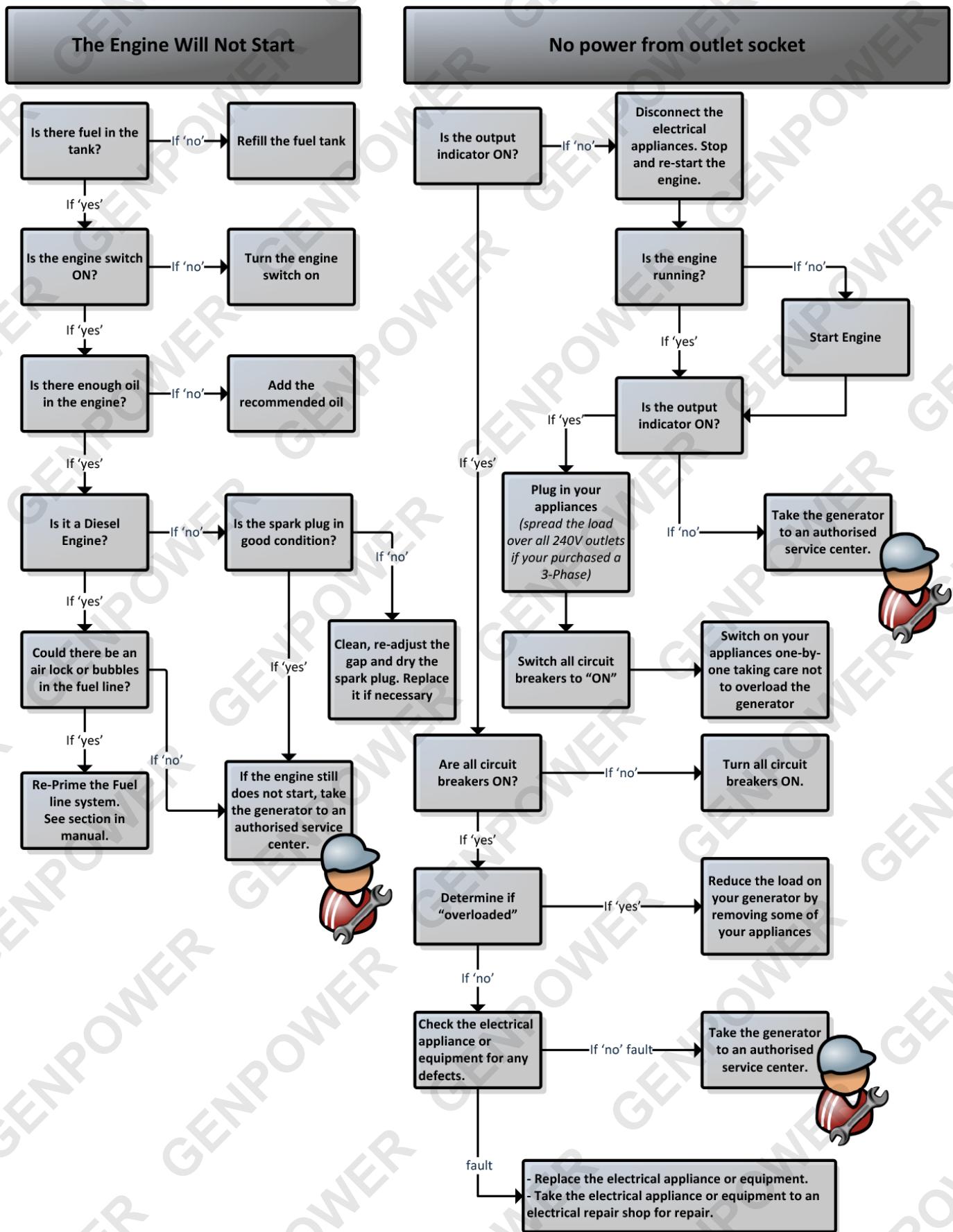
**⚠ WARNING!** Fuel is extremely flammable and is explosive under certain conditions. Perform this task in a well-ventilated area with the engine stopped. Do not smoke or allow flames or sparks in the area during this procedure.

1. Remove the fuel cap.
2. Drain all fuel from the fuel tank into an approved fuel container. We recommend using a commercially available fuel hand pump.
3. Reinstall the fuel filter and the fuel filler cap.

## Draining the oil

(see section – checking the oil level)

# Troubleshooting



## Specifications

**OSE or Other Seller Equivalent!** We provide this specification to enable buyers to compare generators where  $\text{@cos}0.8$  is used as the output measurement. We strongly recommend you only refer to the Continuous Rated Output when considering whether a product is right for your needs.

**⚠ NOTE!** Power produced by generators can fluctuate.

**⚠ IMPORTANT!** UPS or power filter recommended for powering expensive equipment (all models).

### GENPTL40IGPRACAB

**Manufacturer:** GenPower

**Engine Type:** 4-Stroke

**Engine Displacement:** 208CC

**Engine Output:** 8hp

**Fuel Type:** 95+ Non Ethanol Petrol

**AC Voltage:** 240/415V 50Hz

**Continuous Rated Output:** 2.7kW(2700W)

**OSE Max output:** 4.5kVA @ 0.8 cos

(Other Seller Equivalent)

**DC Output:** 12V - 8.3A

**Starting Method:** Recoil

**Engine Oil Type:** 10W30 / 10W40 / 15W30 / 15W40.

**Noise Level at 7m:** 74db

**Other Specifications:** Refer to brochure or advertisement



4-Stroke

### GENPTL40IGPRACAB

**Manufacturer:** GenPower

**Engine Type:** 4-Stroke

**Engine Displacement:** 242cc

**Engine Output:** 8hp/3600rpm

**Fuel Type:** 95+ Non Ethanol Petrol

**AC Voltage:** 240/415V 50Hz

**Continuous Rated Output:** 2.5kW (2500W)

**OSE Max output:** 4.5kVA @ 0.8 cos

(Other Seller Equivalent)

**DC Output:** 12V - 8.3A

**Starting Method:** Recoil

**Engine Oil Type:** 10W30 / 10W40 / 15W30 / 15W40.

**Noise Level at 7m:** 69db

**Other Specifications:** Refer to brochure or advertisement



4-Stroke

## GENPTL60IGPRACAA

**Manufacturer:** GenPower

**Engine Type:** 4-Stroke

**Engine Displacement:** 208cc

**Engine Output:** 8hp

**Fuel Type:** 95+ Non Ethanol Petrol

**AC Voltage:** 240/415V 50Hz

**Continuous Rated Output:** 2.5kW (2700W)

**OSE Max output:** 4.5kVA @ 0.8 cos

(Other Seller Equivalent)

**DC Output:** 12V - 8.3A

**Starting Method:** Recoil

**Engine Oil Type:** 10W30 / 10W40 / 15W30 /

15W40.

**Noise Level at 7m:** 74db

**Other Specifications:** Refer to brochure or advertisement



**4-Stroke**

## PTLGEN-DCR20HP

**Manufacturer:** GenPower

**Engine Type:** 4-Stroke

**Engine Displacement:** 448cc

**Engine Output:** 20hp

**Fuel Type:** 95+ Non Ethanol Petrol

**AC Voltage:** 240V 50Hz

**Continuous Rated Output:** 8kW (8,000W)

**OSE Max output:** 13kVA @ 0.8 cos

(Other Seller Equivalent)

**DC Output:** 12V - 8.3A

**Starting Method:** Recoil + Electric Key Start

**Engine Oil Type:** 10W30 / 10W40 / 15W30 /

15W40.

**Noise Level at 7m:** 93db

**Other Specifications:** Refer to brochure or advertisement



**4-Stroke**

## GENPTLGPRB12K

**Max. Output:** 8400W / 8.4kW / 8.4kVA

**Continuous Rated Output:** 6000W / 6kW / 6kVA

**PLEASE NOTE:** Continuous Rated Output' is what power this generator consistently and reliably provides.

We strongly recommend that you consider this figure when determining whether this model suits your requirements.

[View the Generator Buying Guide](#) for more information about selecting the right model

**AC Voltage:** 240v

**Engine Type:** Single-Cylinder, 4-Stroke, Air-Cooled, OHV horizontal shaft

**Engine Oil Type:** 10W-30 / 10W-40 / 15W-30 / 15W-40 non-synthetic engine oil (not included with purchase)

**Engine Output:** 18hp/3600rpm

**Engine Displacement:** 420CC

**Alternator Type:** 100% Copper Single Phase

**Starting System:** Electric Push Button/Recoil Pull

**Battery:** 14AH maintenance-free battery

**Noise Level:** 94dB (A)

**Fuel Type:** Regular Unleaded 95 +RON

**Fuel Tank Capacity:** 25L

**Rated Continuous Operation:** 9 hours (Load Dependent)

**Oil Type:** SAE 10W30

**Oil Capacity:** 1.1L

**Note:** Power produced by generators can fluctuate +/- 8%. Do not attempt to connect any sensitive electronic devices without a suitable surge protector.





**Some experts believe that the incorrect or prolonged use of almost any product may cause serious injury or death. To help reduce your risk of serious injury or death, refer to the information below. For more information, see [www.datastreamserver.com/safety](http://www.datastreamserver.com/safety)**

- Consult all documentation, packaging and product labelling before use. Note that some products feature documentation available online. It is recommended to print and retain the documentation.
- Before each use, check the product for loose/broken/damaged/missing parts, wear or leaks (if applicable). Never use a product with loose/broken/damaged / missing parts, wear or leaks.
- Products must be inspected and serviced (if applicable) by a qualified technician every 6 months. This is based on average residential use by persons of average size and strength, and on a property of average metropolitan size. Use beyond these recommendations may require more frequent inspections / servicing.
- Ensure that all users of the product have completed a suitable industry recognised training course before being allowed access to the product.
- The product has been supplied by a general merchandise retailer that may not be familiar with your specific application or description of application. Be sure to attain third-party approval from a qualified specialist for your application before use, regardless of any assurances from the retailer or its representatives.
- This product is not intended for use where fail-safe operation is required. As with any product (for example, automobile, computer, toaster), there is the possibility of technical issues that may require the repair or replacement of parts, or the product itself. If the possibility of such failure and the associated time it may take to rectify could in any way inconvenience the user, business or employee, or financially affect the user, business or employee, then the product is not suitable for your requirements. This product is not intended for use where incorrect operation or a failure of any kind, including but not limited to, a condition requiring product return, replacement, parts replacement or service by a technician may cause financial loss, loss of employee time or an inconvenience requiring compensation.
- If this product has been purchased in error when considering the information presented here, contact the retailer directly for details of their returns policy, if required.



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