

# USER MANUAL

4x4 ACCESSORIES



## 3300W OPEN FRAME INVERTER GENERATOR

XTM0FG33KW  
PLU 722265

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# IMPORTANT INFORMATION ABOUT YOUR NEW XTM GENERATOR



**ENGINE OIL**  
**IMPORTANT: ADD 4 STROKE ENGINE OIL (OIL NOT SUPPLIED).**



**WARNING! DO NOT OVERFILL**

Take extreme care not to overfill with engine oil. Overfilling will cause damage to the engine.

Your new Generator has been supplied to you WITHOUT engine oil for transportation reasons.

**YOU MUST ADD ENGINE OIL BEFORE ATTEMPTING TO START THIS GENERATOR.**

**ENGINE OIL CAPACITY: 600ML**

**OIL TYPE: 4 STROKE SEMI SYNTHETIC, FULLY SYNTHETIC OR MINERAL BASED MOTOR OIL - SAE15W-40 (API SN CATEGORY)**

- Always check oil level before starting.
- Always use fresh clean oil.
- Always change the oil as indicated in the maintenance schedule table on page 13.
- If contaminated (dirty) or old (stale) oil is used, it may damage the engine and will not be covered under warranty.
- Never check or add oil while the Generator is running.

## NOTE:

This Generator is equipped with a 'Low Oil' safety feature preventing the engine from starting or running when the 'amber' warning LED light illuminates.

If the re-coil starter cord is pulled, the Generator WILL NOT start or run, and the 'amber' warning light will illuminate.

Failure to follow the above instructions may result in damage to the engine and/or injury to yourself or others.



**PETROL**  
**IMPORTANT: ONLY USE 91 RON (Standard Unleaded) PETROL - NO ETHANOL.**

**PETROL TANK CAPACITY: 12L**

Use of incorrect Fuel/Petrol type or rating, including Ethanol may damage this Generator and will not be covered under warranty.

- Ensure to only use clean and fresh 91 RON Standard Unleaded petrol.
- Use only a clean approved container to store your petrol.
- If contaminated (dirty) or old (stale) petrol is used, it may damage the carburettor and will not be covered under warranty.



**ELECTRICAL**  
**IMPORTANT: ALL ELECTRICAL WORK MUST BE DONE BY AN AUTHORISED SERVICE AGENT.**

This Generator is fitted with a sealed electrical connection socket that is compatible with this Generator. If the electrical connection socket is damaged, it must be replaced with a compatible assembly that is identical to the original and must be replaced by an Authorised SMG Service Agent.

- Never Connect this Generator to an external power supply.
- Consult with a Licenced Electrician for information regarding the use of the Ground (Earth) Terminal for your particular electrical appliance.

If you experience a problem, potential warranty issue or require any assistance, please contact our Customer Service Department using the contact details at the back of this User Manual.

**DO NOT** return the Generator to place of purchase.

# INTRODUCTION

Thank you for purchasing our XTM Open Frame Inverter Generator. We recommend that you take the time to check and see that the packaged contents, including related accessories are all accounted for. It will also be a good opportunity to visually check for obvious damage or problems with the Generator while unboxing.

This User Manual provides informative information on safety, functions, maintenance, included accessories and other key points to allow for safe and trouble-free use.

We take utmost care to ensure that all our Generators pass our rigorous and extensive quality assurance process before delivery.

However, in the unlikely event that you should experience a problem, require assistance, or have a potential warranty issue, we are here to help. Please do not hesitate to contact us by calling our Customer Service Department using the contacted details at the back of this User Manual. Do not return the Generator to place of purchase as they will not be able to assist you as efficiently as we can.

Note, due to continual product development, product images may differ slightly to what is shown.

# GENERAL SAFETY WARNINGS

Before attempting to start and/or operate your new XTM Generator, the following basic safety precautions should be taken into consideration to eliminate the possible risk of Fire, Electric shock and Personal injury.

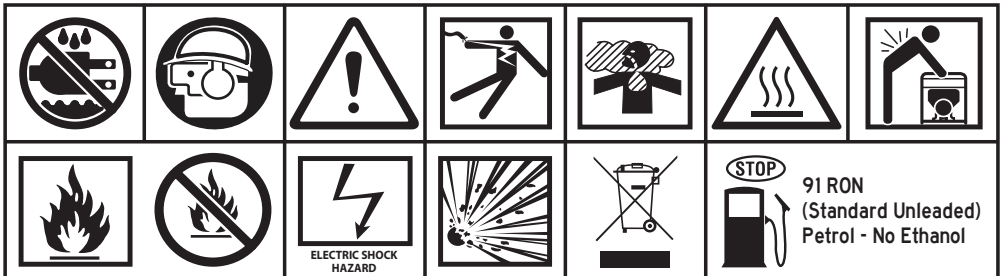
It is very important for you to fully read and understand this User Manual to make yourself familiar with all features and functions of your new XTM Generator.

This User Manual also highlights guidelines, limitations, and potential hazards associated with this Generator before, during and after use.

The User Manual is designed with safety in mind, for yourself, others, and to ensure a long trouble-free service life.

If for any reason, you do not fully understand the contents of this User Manual or require clarification regarding the features or safety, please do not hesitate to contact Customer Service via the contact details at the back of this User Manual.

This appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instructions concerning the use of this appliance by a person responsible for their safety.



## SPECIFIC SAFETY WARNINGS

### WARNING!

Do not use the generator in areas where there is a risk of explosion or fire from combustible materials. The sparks possibly caused when using this generator may ignite combustible materials as well as flammable liquids, paint, varnish, petrol, flammable gases and dust of an explosive nature. As a precaution it is recommended that you consult an expert on a suitable fire extinguisher and its use. Ensure that the work area is kept clear of combustible materials.

### WARNING!

Petrol is dangerous and can be fatal if inhaled or ingested. Always wear approved Personal Protective Equipment (PPE), Eye, Breathing and Hand protection as a minimum when decanting or refuelling. Ensure that petrol does not contact your skin or clothing, wash effected area immediately with soap and water. Change clothes, if necessary, soak and wash as soon as possible.

If petrol comes in contact with your eye/s, flush immediately with clean water and seek medical treatment.

If petrol is accidentally ingested, DO NOT induce vomiting, seek urgent medical treatment by calling 000.

### WARNING!

Do not use the generator indoors or in confined spaces where exhaust gases, smoke or fumes could reach dangerous concentrations.

### WARNING!

Do not attempt to modify the generator in any way; this will VOID your warranty.

The use of any attachment or accessory other than those recommended in this user manual could result in damage to the generator and could cause injuries to the operator.

This petrol generator complies with Australian / New Zealand and International Standards including safety requirements. Repairs should only be carried out by qualified persons using original spare parts. Failure to do so may result in considerable danger to the operator.

- Do not connect this Generator in parallel to a second or multiple Generators.
- Do not connect this Generator to a commercial or domestic power supply or grid.
- Do not pull the re-coil starter cord while the engine is already running.
- Do not start or stop the Generator with an appliance power lead connected.
- Do not attempt to modify or tamper with this Generator, safety guards, parts or accessories in any way, as this may cause personal injury and or damage to this Generator.
- Do not touch the exhaust, as the exhaust will become very hot during use, possibly causing severe burns.
- Do not operate this Generator within one metre (1m) of buildings, other equipment, pedestrian areas, and flammable materials, as the Generator will become hot during use.
- Do not refuel while smoking or in the vicinity of an open flame.
- Do not operate or store this Generator on its side.
- Do not attempted to adjust the engine settings or speed. These setting are factory set, and if changed, could endanger the user and damage the Generator and or the attached appliances.
- Do not operate this Generator with wet hands or in damp, wet, flooded or adverse weather conditions, as these may cause an electric shock which could be fatal.
- Do not operate this Generator on or within two metres (2m) of highly conductive surfaces for example, steel walkway, roof, or bench, as doing this may cause an electric shock which could be fatal if a failure of the Generator were to occur.
- Do not operate this Generator on fire restricted or total fire ban days. Contact your local fire authority for further information.

## SPECIFIC SAFETY WARNINGS (CONTINUED)

- Always carefully follow the maintenance guidelines outlined within this User Manual.
- Always use this Generator in an open and well-ventilated area.
- Always check this Generator for damage, fluid leaks, abnormalities prior, during and after use, repair immediately.
- Always stop the Generator and make safe (cool down) before carrying out any cleaning, servicing or repairs.
- Always wear appropriate Personal Protection Equipment (PPE) while operating, refuelling or decanting. Eye, Ear, Breathing and Hand protection as a minimum.
- Always cleanup spilt petrol and or oil before attempting to start this Generator, as this potentially could be a fire hazard.
- Always have a suitable (in date) working fire extinguisher available. Contact your local fire authority for further information on the 'Chemical Type' best suited for your application if necessary.
- Always operate or store this Generator in an upright position, on firm level ground and on all four feet.
- Always immediately switch 'OFF' this Generator upon observing unfamiliar sounds or vibration, investigate the possible cause/s and or contact our Customer Service Department for advice.
- Always locate this Generator as close as possible to the work being done, avoid the use of excessively long extension leads. If an extension lead is used, ensure its laid clear of any obstruction and in a place that will eliminate damage or being a trip or falling hazard.
- Always observe and adhere to all safety procedures and precautions while using appliances with this Generator.
- Always ensure that the petrol tank is empty before transporting.
- Always ensure that the applied loads are within the specified rating of this Generator. Continually overloading of this Generator will cause damage and shorten the service life voiding warranty.
- Always consult with a Licenced Electrician for information regarding the use of the Ground (Earth) Terminal for your particular appliance application.
- Always ensure that a stored Generator is kept out of reach from children.
- Always ensure that children and pets are at a safe distance away from a working/running Generator.
- Always ensure that the Generator petrol cock (if fitted), is turned 'OFF' when not in use. Leaving the petrol cock 'On' could damage the carburettor.
- Always ensure that the Generator filler cap air vent (if fitted), is turned 'OFF' when not in use. Leaving the air vent 'ON' will allow petrol to leak and fumes to escape, also petrol evaporation over time.
- Always ensure that the handles are clean and free from oil and grease.
- Always ensure that all ventilation slots are clear and free from obstruction at all times. Blocked ventilation slots can cause overheating and potentially damage the engine.
- Always inspect and maintain the air and petrol filters regularly, clean when necessary.
- Always inspect extension leads periodically and replace if damaged. Never use a damaged extension lead as these may cause injury.
- Always fully unwind any extension lead fully before plugging into the Generator
- Always protect your extension lead or reel from sharp objects, excessive heat, damp conditions or wet locations.
- Always use a '3' core extension leads or reels with this Generator.
- Always use heavy duty extension leads intended for and marked 'outdoor' use, which are no longer than 20m.
- Always disconnect the appliance power lead or extension lead from the Generator power supply socket by pulling the plug, never pull on the lead.

## 3300W XTM GENERATOR KEY FEATURES

- Engine capacity, 212CC 4-Stroke, single cylinder
- Pure Sine Wave Inverter Technology
- Transistor Controlled Ignition (TCI)
- 230V-240V AC-50HZ Rated Voltage
- 3000W Rated Output
- 3300W Rated Output (Maximum)
- 2 X 240V AC Socket (Output)
- Overload Protection
- Low Engine Oil Protection
- Recoil Pull Start
- 12L Petrol Tank Capacity
- 71dB at 7m (Approximate at Full Load)

## UNPACKING YOUR XTM GENERATOR

Carefully open the product carton and remove all contents. Lifting the Generator out of the carton maybe awkward, so best to get assistance from another capable person.

Remove accessories from individual packaging and discard/ recycle all packaging materials, including the product carton appropriately.

Visually inspect your XTM Generator for any obvious damage and ensure that all the components are included as per 'Understanding your XTM Generator' on page 8.

This XTM Generator comes fully assembled, except for the engine oil. Refer to page 3 for correct engine oil type and quantity.

Contact our Customer Service Department (details at the back of this user manual) if there is a problem.

## PACKAGING DISPOSAL

This packaging has been designed to be as kerbside recyclable as possible in Australia and New Zealand. Please follow recycling instructions on the box for all elements of your packaging.

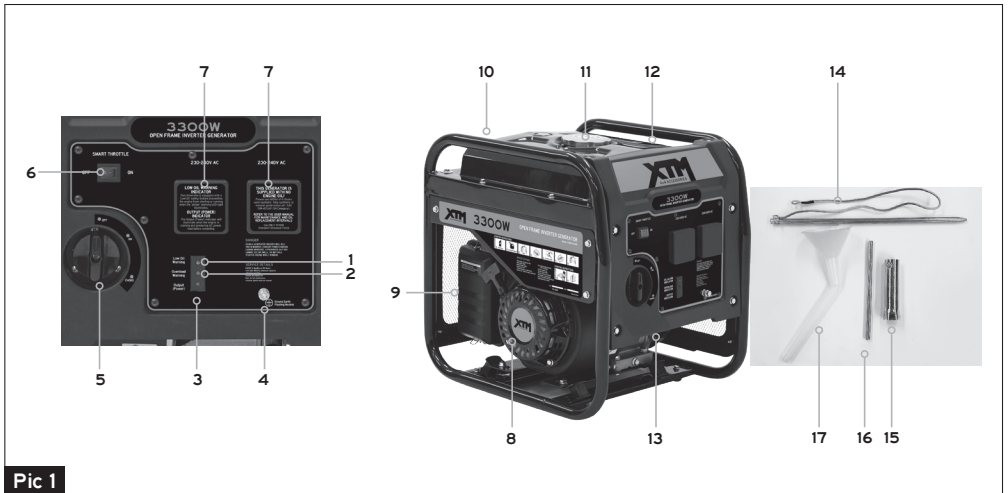
## SUGGESTED USES FOR YOUR XTM GENERATOR

Here are some suitable appliances which can be powered by your XTM Generator:

- Laptop
- Television
- DVD/Video player
- AC Camping fridge
- AC Lighting
- Power tool recharging
- Mobile phone or tablet recharging
- Cooking appliance

Note: Up to a maximum of 3000W for an individual appliance or multiple appliances being used at the same time.

# UNDERSTANDING YOUR XTM GENERATOR



- |   |  |
|---|--|
| <ol style="list-style-type: none"> <li>1. Low Oil Warning Indicator (Amber)</li> <li>2. Overload Warning Indicator (Red)</li> <li>3. Output (Power) Indicator (Green)</li> <li>4. Ground (Earth) Terminal</li> <li>5. 3 in 1 Switch - CHOKE (Initial Starting), 'ON' (Run), 'OFF' (Engine &amp; Petrol)</li> <li>6. Smart Throttle Switch</li> <li>7. 240V AC Socket Output (3 Pin)</li> <li>8. Recoil Starter Grip and Cord</li> </ol> | <ol style="list-style-type: none"> <li>9. Air Filter</li> <li>10. Spark Plug (not shown)</li> <li>11. Petrol Cap</li> <li>12. Spark Arrestor (rear of exhaust, not shown)</li> <li>13. Engine Oil Filter Cap (not shown)</li> <li>14. Grounding (Earth) Stake</li> <li>15. Spark Plug Tube Socket</li> <li>16. Spark Plug Tube Socket Handle</li> <li>17. Petrol Filling Funnel</li> </ol> |
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## COMPONENT AND CONTROLS DESCRIPTION



1. Low Oil Warning Indicator (Amber)

Pic 2

As soon as the engine oil falls below the acceptable level, the Low Oil Warning Indicator will illuminate, indicating insufficient oil, and the engine will stop automatically.

Engine oil must be added before the engine will restart again. Refer to page 3 for refilling instructions.

Tip: If the engine stalls or does not start, rotate the 3 in 1 Switch (5) to the 'ON' position, and then pull the Recoil Starter Grip (8). If the Low Oil Warning Indicator flickers momentarily, the engine has insufficient oil. Add oil and restart.



2. Overload Warning Indicator (Red)

Pic 3

The Overload Warning Indicator will illuminate, if the inverter controller overheats or if the attached AC voltage exceeds the maximum output limit.

The AC circuit protection will automatically activate, stopping AC power generation, in order to protect the Generator and any connected electrical appliances.

The Output (Power) Indicator (Green) will turn off, and the Overload Warning Indicator will stay on however, the engine will continue running without producing AC power.

When the Overload Warning Indicator illuminates and AC power generation stops, proceed as follows:

1. Turn off any connected electrical appliances and turn the 3 in 1 Switch (5) to the 'OFF' position.
2. Reduce the total wattage of connected electrical appliances to be within the rated output.
3. Check for blockages in the cooling air inlet and around the control unit. If any blockages are found, clear or remove.
4. Complete all of the above and restart the engine.

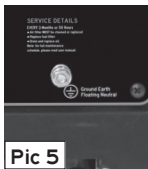
Tip: The Overload Warning Indicator may illuminate momentarily when using electrical appliances that require a large starting current, such as a compressor or a submersible pump. This is not a malfunction and will extinguish once the appliance is running.



Pic 4

### 3. Output (Power) Indicator (Green)

The Output (Power) Indicator will illuminate when the engine is running and producing AC power.



Pic 5

### 4. Ground (Earth) Terminal

The Ground (Earth) Terminal connects to a length of electrical cable and metal stake (14), which is then inserted into the soil to earth/ground the appliance. Before using the Ground (Earth) Terminal, it is advisable to consult with a Licenced Electrician for information regarding the use of the Ground (Earth) Terminal for your particular electrical appliance.

Note: The XTM Generator is Floating Neutral. See heading 'GROUND (EARTH) TERMINAL and STAKE' on page 10 for more information.



Pic 6

### 5. 3 in 1 Switch - CHOKE (Initial Starting), 'ON' (Run) 'OFF' (Engine & Petrol)

The 3 in 1 Switch is rotated to the 'CHOKE' position for initial engine start (Cold Start), then rotated to the 'ON' position once the engine is running to provide electrical power. To stop the engine, and cut-off the petrol supply, rotate to the 'OFF' position.

If the Generator has been previously working and is still warm, and you are wanting to restart (Warm Start), simply rotate the switch to the 'ON' position and pull the recoil starter grip.



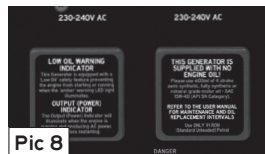
Pic 7

### 6. Smart Throttle Switch

When the Smart Throttle Switch is turned to the 'ON' position, your Generator will use less petrol and be quieter by regulating engine speed to coincide with the load demand. However, only switch 'ON' when load of less than 900W is required.

If the load required is greater than 900W, switch to the 'OFF' position. The engine speed will remain constant to cope with the greater load demand.

Also, when starting and stopping your Generator always ensure that the Smart Throttle Switch is in the 'OFF' position.



Pic 8

### 7. 240V AC Socket Outputs

The two 240V AC Socket Outputs are the connection points for the AC appliances power leads or for extension leads. Ensure not to start or stop the Generator with an appliance/s power lead/s connected.



Pic 9

### 8. Recoil Starter Grip and Cord

Used to start the Generator engine by pulling the Starter Grip.



Pic 10

### 9. Air Filter

To gain access to the Air Filter, unclip the top and bottom retaining clips and remove the cover.

Reverse these instructions to refit the cover ensuring that it is correctly positioned before securing the retaining clips.



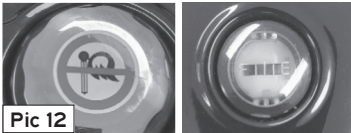
Pic 11

### 10. Spark Plug

To gain access to the Spark Plug, the rear cover will have to be removed.

Using 10mm socket, loosen and remove the 4 corner screws, then remove the rear cover.

Once removed, the Spark Plug and Lead will now be visible. Reverse these instructions to refit the rear cover.



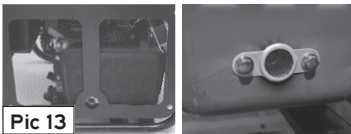
Pic 12

### 11. Petrol Cap

Unscrew and remove the Petrol Cap (Anti-clockwise) to add the recommended Petrol grade, ensuring to only fill to approximately halfway up the side wall of the internal filter. Filling beyond this level, will not allow for expansion, possible causing petrol leakage.

At the same time, observing the petrol gauge to indicate the petrol level in real-time.

Refit the Petrol Cap and tighten.



Pic 13

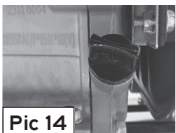
### 12. Spark Arrester

The purpose of the Spark Arrester is to prevent hot sparks and flammable particles from exiting the exhaust system which could potentially start a fire. Usually made from fine aperture stainless steel mesh, and therefore requires periodic inspection, and cleaning to prevent blockage.

To gain access to the Spark Arrester, the side cover will have to be removed.

Using 10mm socket, loosen and remove the 4 corner screws, then remove the side cover.

Once removed, the Spark Arrester and fastening screws will be visible. Reverse these instructions to refit the side cover.



Pic 14

### 13. Engine Oil Filler Cap

Accessible from the front of the Generator, unscrew the Engine Oil filler cap to add the recommended grade of Engine Oil.



Pic 15

### 14. Grounding (Earth) Stake

Connects to the Ground (Earth) Terminal (4) and inserted into soil to earth/ground the appliance.

Note: See the following heading below. 'GROUND (EARTH) TERMINAL and STAKE' for more information.

## GROUND (EARTH) TERMINAL AND STAKE

This XTM Generator is Floating Neutral. It is also fitted with a Ground (Earth) Terminal (4) and supplied with a Ground (Earth) Stake (14) for appliances requiring grounding for electrical safety in preventing an electric shock.

It is strongly recommended that you consult with a Licenced Electrician to establish the electrical category of your appliance/s.

Your electrical appliance/s will be either; Class 1 or Class 2 and by knowing this information will determine if the connection of the Ground (Earth) Stake (14) is required.



**IMPORTANT: To ensure full safety protection, ALWAYS connect the Ground (Earth) Stake (14).**

## PRE-START UP OF YOUR XTM GENERATOR

Once you have inspected your new XTM Generator and accessories after unpacking, it's now time to prepare for use.

Add: **ONLY 4 Stroke Engine Oil (Not Supplied)**



### **WARNING! DO NOT OVERFILL**

Take extreme care not to overfill with engine oil. Overfilling will cause damage to the engine.

How to check the oil level:

- Unscrew, then remove the Oil Filler Cap/Dip Stick from the crank case and wipe clean with a cloth. (Pic 16)

- Reinsert the Oil Filler Cap back into the crank case and remove it again, without screwing back into place.

**Important:** DO NOT screw the Oil Filler Cap fully back into place when checking the oil level.

- The recommended oil level should be in the middle of the 'H' and 'L' marks on the dip stick. (Pic 17)

# PRE-START UP OF YOUR XTM GENERATOR (CONTINUED)

Always use clean fresh oil as specified on page 3.

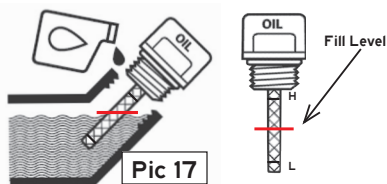
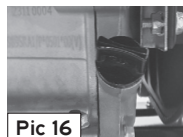
If incorrect, contaminated (dirty) or old (stale) oil is used, it may damage the engine and will not be covered under warranty.

1. Ensure that the Generator is on a flat level surface.
2. If the Generator has been previously used and you are just checking or replenishing the oil, ensure that the engine is not running and the 3 in 1 Switch (5) is in the OFF position.
3. Unscrew the Oil Filler Cap (Pic 16) and add 600ml (approximately) of 4 stroke semi synthetic, fully synthetic or mineral based motor oil - SAE15W-40 (API SN Category).

Fill with oil until the level reaches the middle of the 'H' and 'L' marks on the dip stick. (Pic 17)

Ensure not have the Generator on an angle. For ease of filling, use a funnel or automotive liquid syringe.

Note: While filling, periodically check to ensure that the oil level does not exceed the dip stick 'H' (High) mark. Overfilling will cause damage to the engine.



4. Refit the Oil Filler Cap and tighten, while being careful not to cross-thread or damage the Cap. Wipe away and excess or spilt oil.

Note: Although the Generator is supplied without engine oil, there may be a small amount of engine oil residue from factory testing. This residue may prevent the entire 600ml from being added. Fill with oil until the level reaches the middle of the 'H' and 'L' marks on the dip stick. (Point 3.)

**Add: ONLY 91 RON (Standard Unleaded) Petrol - No ETHANOL**

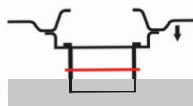
Always use clean fresh petrol as specified on page 3.

If incorrect, contaminated (dirty) or old (stale) petrol is used, may damage the carburettor and will not be covered under warranty.

1. Ensure that the Generator is on a flat level surface.
2. If the Generator has been previously used and you are just checking or replenishing the petrol, ensure that the engine is not running and the 3 in 1 Switch (5) is in the 'OFF' position.



3. Unscrew the Petrol Cap (11) and add 12L (approximately) of 91 RON (Standard Unleaded) Petrol - No ETHANOL (Pic 18).



4. Fill to approximately halfway up the side wall of the internal filter. Filling beyond this level, will not allow for expansion, possible causing petrol leakage (Pic 19).

5. Refit the Petrol Cap and tighten. Wipe away any excess or spilt petrol before attempting to start the engine.
6. To drain the petrol, refer to page 15.

If you have not already done so, relocated your XTM Generator away from the refuelling area and as close as possible to the worksite (Outdoors) and on a flat, level and firm surface.

## STARTING YOUR XTM GENERATOR

Now that your new XTM Generator has Petrol and Engine Oil, it's now ready to start.

1. Ensure that all appliance/s power leads and extension leads are unplugged from the Generator.
2. Ensure that the Smart Throttle Switch (6) is in the 'OFF' position.
3. Rotate the 3 in 1 Switch (5) to the 'CHOKE' position.
4. Secure the Generator with one hand by holding the top handle (frame), while at the same time, hold the Starter Grip (8) with your other hand. Pull the Starter Grip slowly to extract the cord until resistance is felt, then pull rapidly to start the engine. Important: Retract the cord in a controlled manner, do not let the Starter Grip 'Snap' back.

Note: The engine may not start first time and may take several attempts. Simply repeat this step to start the engine. If excessive attempts are needed, there may be another underlying problem.

5. Once started, allow the engine to run for about 10-15 seconds to reach full speed. Then slowly rotated the 3 in 1 Switch (5) to the 'ON' position.

6. Visually check to see if the green Output (Power) Indicator (3) is illuminated. If illuminated, your new XTM Generator is ready for use.

Note: The 'Green' Output (Power) Indicator (3) will remain illuminated in a normal operating condition. If the 'Green' Indicator (3) goes out, and either the 'Amber' (1) or 'Red' (2) Indicator illuminates would indicate a 'Low' oil or 'Overload' fault.

7. Confirm that the wattage consumption of the appliance/s are within the rated output of the Generator before connecting the power lead/s to the 240V AC Socket Output (7).

8. Turn the appliance/s 'ON' at its switch and monitor the Generator for any abnormalities before leaving the Generator unattended.

### WARNING!

Never pull the recoil starter cord once the engine has started. Any damaged caused will not be covered under warranty.

### WARNING!

Before connecting the appliance/s power lead/s, ensure that the total load or combined total loads does not exceed the rated output of the Generator.

Ensure that the appliance/s power leads or extension leads are of adequate length to reach the Generator without applying undue strain on the lead/s and laid in such a way not to become damage.

## USING YOUR XTM GENERATOR

Your XTM Generator is equipped with 2 x AC Output Sockets to power a range of AC appliances provided the maximum combined wattage is within the 3000W rated limit of this Generators output.

NOTE: The peak (surge) power requirements of some appliances e.g. Fridges, Televisions, etc; can be up to seven times greater than their rated (continuous) power.

Ensure not overload your Generator by confirming peak (surge) power required for these appliances.

Locate the appliance data label to confirm the wattage required for each appliance (Pic 20).



Pic 20 Data Label



Data Label

The table below, lists common appliances that can be used with your XTM Generator.

NOTE: When using multiple appliances, only start one appliance at a time.

Appliance	Approx Start W	Approx Run W
Light Bulb, LED	5-20W	5-20W
Light Bulb,(Incandescent)	20-100W	20-100W
Halogen Lights	50-600W	50-500W
Smart Phone/ Tablet Charger	100W	100W
Pedestal Fan	120-150W	40-100W
Flat Screen TV 24"	200W	200W
Laptop Computer	200-300W	100-200W
Bar F fridge up to 60L	500-700W	200-350W
Flat Screen TV 46"	600-800W	600-800W
Toaster 2 Slice	850-1000W	850-1000W
13mm Impact Drill	900-1200W	600-750W
Coffee Maker	900-1800W	600-1200W
Kettle	1400W	1400W
Home Fridge/Freezer (up to 180L)	1200-2400W	250-600W
Electric Frypan	1500-2000W	1500-2000W
Toaster 4 Slice	1600-2200W	1600-2200W
Microwave Oven	1800W	1500W

Note: Before connecting the appliance/s power lead/s, ensure that the total load or combined total loads does not exceed the rated output of the Generator.

## STOPPING YOUR XTM GENERATOR

1. Turn the appliance/s 'OFF' at its switch.
2. Unplug all appliance/s or extension power lead/s.
3. Ensure that the Smart Throttle Switch (6) is 'OFF'.
4. Rotate the 3 in 1 Switch (5) to the 'OFF' position.

### WARNING!

Never stop your Generator with the appliance/s power leads or extension leads connected.

In case of an emergency, rotate the 3 in 1 Switch (5) to the 'OFF' position to stop the Generator.

Note: avoid doing this in a non-emergency situation, as damage to the Generator or appliance could occur.

# MAINTENANCE OF YOUR XTM GENERATOR

To ensure a safe, long and trouble-free service life, your XTM Generator must be properly and regularly maintained.

The below table outlines the recommended periodic service scheduling that should be followed to keep your Generator in good working condition.

Please follow this maintenance schedule and routine inspection procedures carefully.

Frequency Items		Pre - operation (daily)	First month or first 20hrs of operation	Every 3 months or every 50hrs of operation	Every 6 months or every 100 hrs of operation	Every 12 months or 300 hrs of operation
Engine Oil	Inspect & refill if necessary	●				
	Replace		●		●	
Exhaust	Inspect for leaks & loose fittings	●				
	Clean Spark Arrestor				●	
Air Filter	Inspect	●				
	Clean		●			
	Replace			●		
Carburettor	Inspect switch & choke operation	●				
Spark Plug	Inspect & adjust if necessary				●	
	Replace	Every 12 months or 250 hours of operation				
Idling*	Inspect & adjust if necessary					●
Valve Clearance*	Inspect & adjust if necessary					●
Petrol Filter	Clean & replace if necessary			●		
All Fittings & Fasteners	Visually inspect & tighten	●				
Petrol Line	Visually inspect & tighten if necessary	●				

\* These items should be maintained and repaired by an SMG Authorised Service Agent.

If you require Service Assistance, please call our Customer Service Department using the contacted details at the back of this User Manual.

## INSPECT / CLEAN THE AIR FILTER

For proper performance and long life, ensure to keep the air filter/s clean.

To inspect:

1. Unclip the top and bottom retaining clips and remove the cover. (Pic. 21).
2. Remove the foam filter from the filter box (Pic. 22).
3. Inspect the foam filter, and if dirty, clean with warm, soapy water. Rinse and let dry.
4. Apply a light coat of engine oil to the foam filter, then gently squeeze to remove any excess oil.
5. Refit the foam filter into the air filter box, ensuring the correct orientation.
6. Refit air filter cover and secure with the top and bottom retaining clips.

NOTE: Do not run the Generator without the air filter in place. Rapid engine wear will result.



Pic 21



Pic 22

## INSPECT / CLEAN THE SPARK PLUG

Ensure that the spark plug electrode gap is properly set, maintained, and free from carbon deposits for the engine operate efficiently.

To inspect:

1. Remove the rear cover, see page 10 for instructions.
2. Remove the spark plug power lead cap (Pic 23) .
3. Clean away any foreign matter from around base of the spark plug.
4. Unscrew (anticlockwise) and remove the spark plug using tube socket and handle provided (15/16).
5. Visually inspect the spark plug for damage, clean with a wire brush and check the electrode gap before reinstalling. If the (white) insulator is cracked or chipped, the spark plug should be replaced.

NOTE: If replacing, the following specified, or its equivalent spark plug should be used: NGK BPR6ES, 0.8mm electrode gap.

6. Refit and screw (clockwise) the spark plug back in by hand until seated, avoid cross-threading or damaging thread of the cylinder.
7. Using tube socket and handle provided (15/16) and tighten as follows: If the spark plug is new, use an additional  $\frac{1}{2}$  turn, or if reusing old spark plug, use an additional  $\frac{1}{8}$  to

$\frac{1}{4}$  turn to properly compress the sealing washer.

NOTE: Spark Plug tightening torque - 20Nm.

8. Refit the spark plug power lead cap.
9. Refit the rear cover, see page 10 for instructions.



Pic 23

### WARNING!

Ensure that the Spark Plug is tightened correctly. A loose Spark Plug and potentially overheat causing damage to the engine. An overtightened Spark Plug can potentially damage the thread within the engine casting.

## INSPECT / CLEAN SPARK PLUG ARRESTOR

### WARNING!

The engine and exhaust will be very hot. Avoid touching with any part of your body or clothing. Allow sufficient time for the engine and exhaust to cool before conducting any inspection or repair.

Never run your Generator without the Spark Arrestor fitted. Exiting sparks can potentially cause a grass fire.



Pic 24

Ensure that the Spark Arrestor is regularly maintained, and free from carbon deposits for the engine operate efficiently.

To inspect:

1. Remove the side cover, see page 10 for instructions.
2. Locate the two Spark Arrestor fastening screws.
3. With an 8mm socket, loosen the fastening screws. Take note of the orientation and carefully remove the Spark Arrestor.
4. Visually inspect for blockage or damage and places if necessary.
5. Carefully clean with a fine wire brush to remove any carbon build-up.
6. Refit the Spark Arrestor, ensuring the correct orientation and tighten the fastening screws.
7. Refit the side cover, see page 10 for instructions.

## DRAINING THE PETROL TANK

1. Rotate the 3 in 1 Switch (5) to the 'OFF' position.
2. Unscrew the Petrol Cap (11) and remove the strainer.
3. Using a hand siphon, transfer the Petrol into an approved Fuel/Petrol container until the Petrol Tank is empty.
5. Refit the strainer and Petrol Cap (11).



### WARNING!

Petrol is dangerous and can be fatal if inhaled or ingested.

Always wear approved Personal Protective Equipment (PPE), Eye, Breathing and Hand protection as a minimum when decanting or refuelling.

Ensure that petrol does not contact your skin or clothing, wash effected area immediately with soap and water. Change clothes, if necessary, soak and wash as soon as possible.

If petrol contacts your eye/s, flush immediately with clean water and seek medical treatment.

If petrol is accidentally ingested, DO NOT induce vomiting, seek urgent medical treatment by calling 000.

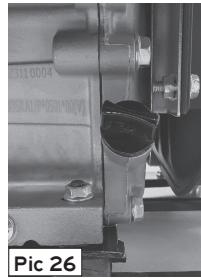
## DRAINING THE CARBURETTOR

1. Drain the Petrol Tank, see above for instructions.
2. Remove the rear cover, see page 10 and look for heading 10 - Spark Plug for instructions.
3. Locate the Carburettor drain plug screw (Pic 25).
4. Remove the drain plug screw, located at the base of the Carburettor to empty the petrol bowl into a fuel safe container. Then discard the petrol responsibly.
5. Retighten the drain plug screw.
6. Refit the entire rear cover, see page 10 for instructions.
7. Alternatively, for long term storage, empty the petrol tank and run the engine until it stalls, this will ensure that all remaining petrol is removed from the carburettor.



## DRAINING THE ENGINE OIL

1. Ensure that the Generator is on a flat level surface.
2. Start and run the Generator for several minutes to warm the existing oil for easier flow.
3. Rotate the '3 in 1 Switch' (5) is in the 'OFF' position.
4. Unscrew the Oil Filler Cap (13), ensuring that the O-ring is still in place (Pic 26).
5. Place an oil pan under the Oil Drain Plug (Pic 27).
6. Unscrew and carefully remove the Oil Drain Plug, gently 'tilt' the Generator if necessary on a slight angle to drain the oil until empty. Note: Do not tilt quickly or excessively.
7. Refit the Oil Drain Plug and tighten. Wipe away any excess or spilled oil.
8. Inspect the Oil Filler Cap and O-ring for damage, replace if necessary.
9. Refit the Oil Filler Cap and tighten. Wipe away any excess or spilled oil.



## CLEANING THE PETROL TANK STRAINER

1. Rotate the 3 in 1 Switch (5) to the 'OFF' position.
2. Unscrew the Petrol Cap (11) and remove the strainer.
3. Clean the strainer with a soft brush, then rinse with fresh petrol.
4. Gently pat dry with a lint free cloth.
5. Inspect for damage and replace if necessary.
6. Refit the strainer and Petrol Cap (11) and tighten securely.

## CARBURETTOR ADJUSTMENT

Carburettor service, tuning or idle adjustment, should only be done by a qualified service agent. It is extremely important that the engine operates in the optimum condition, not only for efficiency, but also to reduce the impact on the environment by not emitting excessive exhaust emissions.

Please call our Customer Service Department using the contacted details at the back of this User Manual.

## TROUBLESHOOTING

<b>Engine will not start</b>		
Possible Cause	Check	Correction
Petrol	Out of petrol	Refill with fresh petrol
	Contaminated or stale petrol	Drain and refill with fresh petrol
	Air vent lever is 'OFF'	Rotate to 'ON' to allow venting
	3 in 1 Switch	Rotate to 'CHOKE' to turn on the petrol
	Petrol line	If damage or spilt, replace
	Petrol filter	Remove, inspect for blockage and clean
	Petrol 'ON'/'OFF' cock (Located under the Petrol Tank)	Ensure the the petrol cock is 'ON'
	Carburettor	Contact our Customer Service Department
Spark Plug	Contamination, damage, electrode gap or carbon build-up	Reset the electrode gap, clean or replace if necessary
	Excessively wet with Petrol	Engine maybe flooded, dry and reinstall the spark plug
Engine Oil	Low Oil Warning Indicator	If flashing or illuminated AMBER, top up with engine oil
Ignition or Engine Malfunction		Contact our Customer Service Department

<b>Engine runs rough, lacks power or stops</b>		
Possible Cause	Check	Correction
Petrol	Contaminated or stale petrol	Drain and refill with fresh petrol
	Air vent lever is 'OFF'	Rotate to 'ON' to allow venting
	3 in 1 Switch is set to 'CHOKE'	Rotate to 'ON'
	Petrol line	If damage or spilt, replace
	Petrol filter	Remove, inspect for blockage and clean
	Carburettor	Contact our Customer Service Department
Spark Plug	Contamination, damage, electrode gap or carbon build-up	Reset the electrode gap, clean or replace if necessary
Engine Oil	Low Oil Warning Indicator	If flashing or illuminated AMBER, top up with engine oil
Air Filter	Contamination or blockage	Remove, inspect and clean

**No power to the AC output**

Possible Cause	Check	Correction
Faulty AC Output Socket		Contact our Customer Service Department
Faulty Inverter		Contact our Customer Service Department
Faulty AC Appliance		Contact the appliance Customer Service Department
Faulty AC Appliance Power or Extension Lead		Contact the appliance Customer Service Department
Overload	Overload Warning Indicator	Turn OFF the engine and restart

# STORAGE OF YOUR XTM GENERATOR

If you are planning not to use your Generator for some time, it is advisable to follow these simple storage steps to guard against possible deterioration from an extended period of non-use.

Depending on the storage duration, we have listed key guidelines for you to follow.

Storage Time	Prior to storing
Less than 1 month	No special preparation is required.
1 month to 12 months	Empty the petrol tank and run the engine until it stalls, this will ensure that all remaining petrol is removed from the Carburettor.
12 months or more	<p>Empty the petrol tank and run the engine until it stalls, this will ensure that all remaining petrol is removed from the Carburettor.</p> <p>Remove spark plug and place a tablespoon of engine oil into the cylinder through the spark plug hole. Turn the engine slowly with the recoil grip to distribute the oil. Reinstall spark plug.</p> <p>Store the generator in a dry well-ventilated place under a cover to prevent any dust or debris from accumulating on the generator. Change engine oil before recommissioning.</p>

Note: Use unleaded fuel stabilisers formulated to extend storage life.

# CHARGING 12V DC BATTERIES WITH YOUR XTM GENERATOR

To ensure safe and efficient recharging of a 12V DC battery, it is recommended to purchase a suitable 240V AC/DC regulated battery charger that is dedicated and capable of recharging your particular battery capacity and chemistry type.

The 240V AC/DC battery charger MUST then be connected to the 240V AC Socket Output (7) to provide power.

Note: 240V AC/DC battery charger is not supplied, and must be purchased separately. Ensure to carefully follow the user manual instructions that is supplied with the battery charger.

# WARRANTY OF YOUR XTM GENERATOR

Warranty Period: 12 months limited warranty

## SMG Manufacturer's Warranty Peace of Mind Guarantee

Thank you for choosing an SMG product. We stand behind the quality of our range. Please submit claims online at: [www.smga.com.au](http://www.smga.com.au)

Please keep your purchase receipt (bank statements are not accepted). Your receipt is required for any warranty claim. A photo or a copy of your receipt is acceptable providing all information is legible.

## What's Covered

Your SMG product is covered against defects in materials and workmanship.

- If a manufacturing fault is confirmed, we'll repair or replace the faulty part or product free of charge.
- Replacement parts may be new or refurbished but will always be of equal quality.

## What's Not Covered

This warranty does not cover:

- Use for hire or commercial purposes.
- Damage from misuse, neglect, incorrect installation, or failure to follow instructions.
- Rust, corrosion, dust, dirt, insect or spider blockages.
- Third-party or non-SMG accessories.
- Normal wear and tear, servicing, or maintenance items.
- Freight costs if the product is found fault-free.
- Repair costs if the product is found fault-free.

## How to Make a Claim

1. Please submit claims online at: [www.smga.com.au](http://www.smga.com.au)
  2. Empty any oil or fuel before returning
  3. Send the product securely packaged and well protected for transporting.
  4. If the product has a manufacturing faulty, repairs are free of charge.
- If no fault is found, service and freight charges will apply.

## Your Rights

### **Australia**

Our goods come with guarantees that cannot be excluded under the Australian Consumer Law. You are entitled to a replacement or refund for a major failure and compensation for any other reasonably foreseeable loss or damage. You are also entitled to have the goods repaired or replaced if the goods fail to be of acceptable quality and the failure does not amount to a major failure.

### **New Zealand**

This warranty is in addition to your rights under the New Zealand Consumer Guarantees Act 1993.

## Need Help?

For assistance, or if you cannot access our online form:

- Australia: 1300 660 457
- New Zealand: 0800 474 876
- Email: [service.group@smga.com.au](mailto:service.group@smga.com.au)

Smart Marketing Group Pty Ltd  
33-35 Lionel Road, Mt Waverley,  
VIC 3149, Australia

Please take note of serial number and write here for ease of reference:

Serial Number: \_\_\_\_\_

Date of Purchase: \_\_\_\_\_

Place of Purchase: \_\_\_\_\_

Receipt Number: \_\_\_\_\_

# SPECIFICATIONS OF YOUR XTM GENERATOR

<b>Model XTMOFG33KW</b>	
Engine Capacity:	212CC 4-Stroke, Single Cylinder
Engine RPM:	2800/3600
Engine Spark Plug:	NGK BPR6ES - 0.8mm Electrode Gap
Inverter:	3.0kW/230V/50Hz Pure Sine Wave Technology
Ignition:	Transistor Controlled Ignition (TCI)
Rated Voltage:	230V-240V AC-50HZ
Rated Output:	3000W
Maximum Output:	3300W
Rated Current:	13.0A
AC Socket (output):	2 x 240V-15A SAA
Overload Protection:	Yes
Low Engine Oil Protection:	Yes
Recoil Pull Start:	Yes
Petrol Tank Capacity:	12L
Petrol Type:	91 RON (Standard Unleaded) Petrol (Do not use ethanol)
Engine Oil Capacity:	600ml
Decibel Level (Half load at 7m):	69 (Approximate)
Decibel Level (Full load at 7m):	71 (Approximate)
Net Weight:	30.5kg
Gross Weight:	32.5kg







**4x4 ACCESSORIES**



**FOR SERVICE, SPARE PARTS OR  
PRODUCT INFORMATION, PLEASE  
CONTACT SMART MARKETING  
GROUP PTY LTD.**

**Mon - Fri 8.00am - 5.00pm (AEST)**  
**Do not return to place of purchase**  
**Keep your purchase receipt, this will be required**  
**to make any claims under the 12 month warranty.**

**AUST. 1300 660 457**  
**Email: [service.group@smga.com.au](mailto:service.group@smga.com.au)**

Please submit claims online at:  
[www.smga.com.au](http://www.smga.com.au)

Manufactured and packaged for  
SRGS PTY LTD  
ABN 23 113 230 050  
6 Coulthards Avenue, Strathpine QLD 4500 Australia  
MADE IN CHINA

# 3300W OPEN FRAME INVERTER GENERATOR

**XTMOFG33KW**  
**PLU 722265**