Energizer®

EZG2001i

USER GUIDE

Thanks for choosing the EZG Series!

You're excited to power up, so we'll keep this brief. Let's get started!

CONTENT

⚠ WARNING

Leggere attentamente il presente manuale prima di utilizzare il presente generatore. Il presente manuale deve accompagnare il generatore in caso di vendita.

⚠ WARNING: ⚠

I fumi di scarico del motore di questo prodotto contengono monossido di carbonio velenoso. （CO） che causa la perdita di coscienza e può portare alla morte.

⚠ WARNING

Il gas di scarico contiene monossido di carbonio (CO) velenoso che può accumularsi fino a livelli pericolosi in aree chiuse.

La respirazione di CO può causare uno stato d'incoscienza o morte.

Non far funzionare mai il generatore in un'area chiusa o anche parzialmente chiusa dove potrebbero essere presenti persone.

⚠ WARNING

Il generatore è una potenziale fonte di scosse elettriche se utilizzato in modo improprio. Non esporre il generatore a umidità, pioggia o neve. Non lasciare che il generatore si bagni e non azionarlo con le mani bagnate.

Tenere a portata di mano il presente manuale, in modo da poterlo consultare in qualsiasi momento. Ci riserviamo il diritto di modificare questo prodotto o manuale in qualsiasi momento e senza preavviso.

⚠ WARNING

LEGGERE ATTENTAMENTE IL PRESENTE MANUALE PRIMA DI UTILIZZARE IL GENERATORE.

Il presente manuale fornisce una buona comprensione di base del funzionamento e della manutenzione del dispositivo.

Cerchiamo continuamente di migliorare il design e la qualità dei nostri prodotti. Pertanto, sebbene questo manuale sia il più recente, potrebbe esserci una leggera differenza tra il generatore e questo manuale.

INTRODUZIONE

Congratulazioni per aver scelto un generatore fantastico.

Il presente manuale fornisce una buona comprensione di base del funzionamento e della manutenzione del dispositivo, si prega di leggerlo attentamente.

Queste parole chiave significano:

⚠ DANGER Se non si seguono le istruzioni, si verrà UCCISI o si resterà GRAVEMENTE FERITI.

⚠ WARNING Se non si seguono le istruzioni, si può essere UCCISI o restare GRAVEMENTE FERITI.

⚠ CAUTION Se non si seguono le istruzioni, si può restare gravemente feriti.

Questo manuale contiene importanti informazioni sulla sicurezza — si prega di leggerlo con attenzione.

In caso di domande, rivolgersi a un rivenditore autorizzato.

1. INFORMAZIONI SULLA SICUREZZA

1.1 ATTENZIONE DELL'OPERATORE

1. ISTRUZIONI DI SICUREZZA

Avviso:

1. Attenzione! I gas di scarico sono tossici. Non azionare il generatore in un locale senza impianto di ventilazione!

2. I bambini devono essere protetti mantenendoli a una distanza di sicurezza dal gruppo elettrogeno!

3. Durante il funzionamento non è consentito il riempimento dei gruppi elettrogeni!

4. Se il generatore viene montato in un ambiente chiuso, è necessario rispettare le norme di sicurezza antincendio ed anti esplosione!

5. Non collegare ai circuiti domestici!

6. Non utilizzare in condizioni bagnate!

7. Tenere lontano da fonti infiammabili!

8. Durante il rifornimento di carburante:

a) arrestare il motore;

b) divieto di fumare;

c) non versare.

Istruzioni di sicurezza generali

- L'operatore deve conoscere i principi di funzionamento e la struttura del generatore e del motore. Deve sapere come arrestare il motore in caso di emergenza e come manipolare i comandi.
- Non lasciare mai che i bambini utilizzino questo dispositivo.
- Non consentire mai alle persone che non conoscono queste istruzioni di utilizzare questo dispositivo. Le normative locali possono imporre restrizioni sull'età dell'utente.
- Si prega di non utilizzare questo dispositivo quando persone, specialmente bambini, o animali domestici si trovano nelle vicinanze. Farli allontanare dall'area di lavoro.
- L'operatore o l'utente sono responsabili di eventuali incidenti o danni a persone o cose.
- Non indossare indumenti larghi o gioielli che potrebbero rimanere impigliati nel macchinario durante il funzionamento.
- Utilizzare i dispositivi di sicurezza. Indossare l'equipaggiamento protettivo come una maschera antipolvere, protezioni antiscivolo, un casco o una protezione per l'udito.
- Restare vigili, osservare quello che si sta facendo e dimostrare buon senso quando si usa il generatore. Non utilizzarlo se si è stanchi o sotto l'influenza di droghe, alcol o farmaci.

- Installare il generatore in un luogo ben ventilato e assicurarsi che ci siano almeno 1,5 metri tra il generatore e le pareti dell'edificio o altre apparecchiature. Non collocare liquidi o gas infiammabili vicino al generatore.
- Non far funzionare il generatore in ambienti chiusi o scarsamente ventilati. Il gas di scarico dal motore contiene monossido di carbonio tossico che può provocare una perdita di coscienza o la morte.
- Far funzionare il generatore per la potenza indicata nel manuale d'uso Non far funzionare il generatore con un sovraccarico o a una velocità eccessiva.
- Il silenziatore del generatore diventa estremamente caldo quando il motore gira o anche per un certo periodo tempo dopo che si è arrestato. Non toccarlo per non bruciarsi.
- Non trasportare o spostare il generatore finché non si è raffreddato.
- Eseguire la manutenzione periodica e risolvere i problemi che si riscontrano immediatamente. Non far funzionare il generatore prima di aver corretto qualsiasi guasto rilevato.
- Il generatore utilizza un sistema di raffreddamento ad aria, risulta necessario pulire regolarmente i suoi componenti, comprese le griglie, il coperchio del ventilatore e il ventilatore stesso in modo da garantire il raffreddamento.
- Mantenere pulito il filtro del carburante e sostituire regolarmente l'olio del motore.

- Controllare periodicamente l'installazione dei collegamenti e la tenuta dei fissaggi, eventualmente serrandoli nuovamente.
- Pulire periodicamente i componenti del filtro dell'aria e sostituire il filtro dell'aria quando necessario.
- Rimuovere tutte le apparecchiature elettriche collegate prima di avviare o arrestare il generatore.
- Prima di trasportare il generatore, è necessario svuotare il serbatoio del carburante.
- La manutenzione e la riparazione del generatore devono essere eseguite da un tecnico qualificato proveniente da un centro di assistenza autorizzato.
- • Utilizzare carburanti che evaporano facilmente perché contribuiscono all'avviamento se usati correttamente.

Attenzione: quando si avvia il generatore con il cavo, prestare attenzione ai cambiamenti improvvisi nella rotazione del motore!! Pericolo di ferite!! Non coprire mai il generatore quando è in funzione. Il ritaglio sul generatore ha l'effetto di ridurre il rischio di scosse elettriche. Se è necessario sostituirlo con un altro ritaglio, quest'ultimo deve corrispondere alle specifiche tecniche del generatore. A causa di importanti vincoli meccanici, è necessario utilizzare un cavo flessibile sotto guaina con un forte strato protettivo in gomma (conforme a IEC 245-4) o un cavo simile.

Se si utilizza un cavo di prolunga elettrico, la lunghezza totale del prolungamento non deve superare i 60 m se la sezione del cavo è di 1,5 mm^2 e non deve superare i 100 m se la sezione del cavo è di 2,5 mm^2.

Prescrizioni supplementari per gruppi elettrogeni a bassa potenza destinati a persone non esperte

- Proteggere i bambini mantenendoli a distanza di sicurezza dal gruppo elettrogeno.
- Il carburante è combustibile e facilmente infiammabile. Non fare rifornimento durante il funzionamento. Non rifornire di carburante mentre si fuma o vicino a fiamme libere. Non far fuoriuscire carburante.
- Alcune parti del motore a combustione interna sono calde e possono causare ustioni. Prestare attenzione alle avvertenze sul gruppo elettrogeno.
- I gas di scarico del motore sono tossici. Non utilizzare il gruppo elettrogeno in stanze non ventilate. In caso di installazione in locali ventilati, devono essere osservate ulteriori prescrizioni in materia di protezione antincendio e antideflagrante.

- Prima dell'uso controllare che il gruppo elettrogeno e il suo equipaggiamento elettrico (compresi i cavi e i collegamenti a spina) non siano difettosi.
- La protezione contro le scosse elettriche dipende dagli interruttori magnetotermici appositamente adattati al gruppo elettrogeno. Se gli interruttori devono essere sostituiti, devono essere sostituiti con un interruttore avente le stesse caratteristiche nominali e prestazionali.
- A causa delle elevate sollecitazioni meccaniche, utilizzare solo cavi flessibili resistenti con guaina in gomma (in conformità a IEC 60245-4) o equivalenti.
- L'utente è tenuto a rispettare le norme di sicurezza elettrica vigenti nel luogo in cui vengono utilizzati i gruppi elettrogeni.
- L'utente deve rispettare i requisiti e le precauzioni in caso di alimentazione con gruppi elettrogeni di un impianto, a seconda delle misure di protezione esistenti in questo impianto e delle normative applicabili.
- I gruppi elettrogeni devono essere caricati alla potenza nominale solo nelle condizioni ambientali nominali.
- Prima di iniziare i lavori di manutenzione occorre accertarsi che non sia possibile una messa in servizio non tempestiva.

Misure di sicurezza durante il riempimento del serbatoio del carburante

- Il carburante è estremamente infiammabili e velenoso.
- Questo generatore utilizza solo benzina; qualsiasi altro tipo di carburante danneggia il motore.
- Non riempire eccessivamente il serbatoio di benzina per evitare fuoriuscite. Se si nota una fuoriuscita, è necessario pulirla completamente con un panno asciutto prima di avviare il motore.
- Se s'ingerisce carburante per errore, se si inalano vapori di carburante o se si ricevono gocce di carburante negli occhi, consultare immediatamente un medico. In caso di versamento di una certa quantità di carburante sulla pelle o sugli indumenti, lavare o cambiare gli indumenti.
- Arrestare sempre il motore del generatore quando lo si riempie di carburante.
- Non riempire mai il serbatoio del carburante mentre si fuma o in prossimità di una fiamma libera.
- Assicurarsi di non versare carburante sul motore e sulla griglia di scarico del generatore durante il riempimento con carburante.

- Conservare il carburante in un recipiente adeguato e al riparo da qualsiasi fonte di incendio.
- Eseguire il riempimento in un luogo sicuro e aprire lentamente il tappo del serbatoio per scaricare la pressione accumulatasi all'interno del serbatoio. Eliminare eventuali gocce di benzina versate prima di avviare il motore.
- Per evitare incendi, allontanare il generatore di almeno 4 metri dalla zona di rifornimento di carburante.
- Assicurarsi che il tappo del carburante sia ben chiuso prima di iniziare.
- Non conservare la benzina nel serbatoio per lungo tempo.
-  Durante l'uso o il trasporto del generatore, assicurarsi di tenerlo in posizione verticale, altrimenti il carburante potrebbe fuoriuscire dal carburatore o dal serbatoio.

 **Sicurezza elettrica**

Prima di ogni utilizzo, assicurarsi che il carico da collegare non superi la potenza della corrente prodotta dal generatore.

Il gruppo elettrogeno non deve essere collegato ad altre fonti di alimentazione, come ad esempio il sistema dell'energia elettrica. In casi particolari in cui è previsto un collegamento di

riserva agli impianti elettrici esistenti, quest'ultimo deve essere effettuato esclusivamente da un elettricista qualificato, che deve prendere in considerazione le differenze tra le apparecchiature in funzione che utilizzano la rete elettrica pubblica e il generatore.

Per evitare scosse elettriche, è necessario seguire le seguenti istruzioni:

- Non toccare il generatore con le mani bagnate.
- Non azionare il generatore sotto la pioggia o la neve.
- Non far funzionare il generatore vicino all'acqua.
- Collegare il generatore a terra. Utilizzare un conduttore sufficientemente spesso per il cavo di messa a terra.
- Non azionare il generatore in parallelo con un altro generatore.
- Se si utilizzano prolunghe elettriche, assicurarsi che siano sufficientemente spesse per trasportare la corrente e che siano utilizzate correttamente.

Il collegamento di un generatore utilizzato per l'alimentazione ausiliaria all'impianto elettrico di un edificio deve essere effettuato da un elettricista qualificato e in conformità alle disposizioni delle leggi e norme vigenti in materia di energia elettrica. Collegamenti errati possono causare perdite di corrente dal generatore alle linee del fornitore pubblico di energia elettrica. Tali perdite potrebbero provocare elettrocuzione dei lavoratori del fornitore pubblico di energia elettrica che operano sulla rete o di altre persone a contatto con la linea in caso d'interruzione dell'alimentazione elettrica. Inoltre, quando viene ripristinata l'alimentazione elettrica pubblica, il generatore può esplodere, incendiarsi o generare incendi nell'impianto elettrico dell'edificio.

Prima di collegare dispositivi elettrici al generatore, assicurarsi che le specifiche di tensione e la frequenza di funzionamento corrispondano alle caratteristiche tecniche del generatore.

Si possono verificare danni se il dispositivo collegato non è progettato per funzionare con una tolleranza di tensione di +/- 10% o una tolleranza di frequenza di +/- 3% rispetto a quella del generatore.

Protezione dell'ambiente

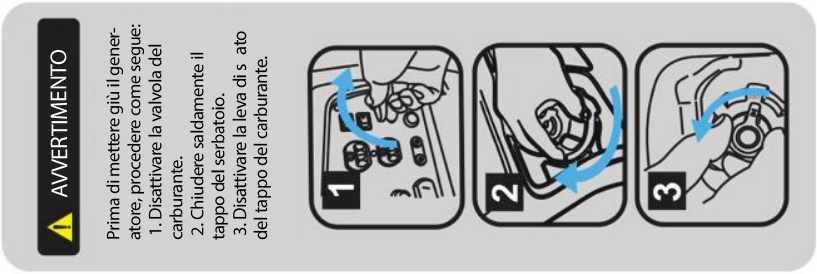
- Controllare periodicamente il silenziatore (prima di procedere spegnere il generatore e lasciarlo raffreddare completamente). Un silenziatore danneggiato aumenta la rumorosità.
- Non gettare l'olio motore negli scarichi, ma depositarlo in un apposito punto di raccolta.
- Il carburante per questo dispositivo è combustibile ed esplosivo. Dopo l'arresto del dispositivo, è necessario maneggiare correttamente il carburante rimanente e soddisfare i requisiti ambientali locali.
- Per smaltire i fluidi residui, procedere come segue:
  - ♣ Chiudere il rubinetto del carburante
  - ♣ Scaricare il carburante dal serbatoio del carburante
  - ♣ Svuotare il carburante del carburatore

⚠ WARNING

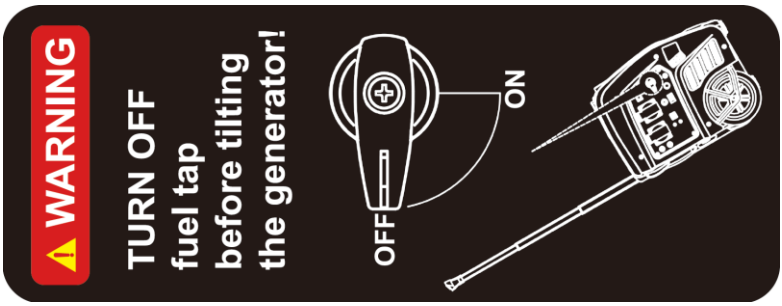
- **Leggere attentamente il presente manuale prima di utilizzare il generatore.**

- **Collocare il generatore in un luogo in cui le persone presenti, i bambini e gli animali domestici non sono suscettibili di touch. Non lasciare che i bambini utilizzino il generatore senza sorveglianza.**

- **Il generatore può essere inclinato verso il basso, ma appoggiato SOLO sul lato timone di traino e soltanto dopo aver arrestato il motore. Se lo si appoggia sull'altro lato, l'OLIO può fuoriuscire e danneggiare il motore o la vostra proprietà. Anche il CARBURANTE può fuoriuscire e causare un INCENDIO o ESPLOSIONE.**



- **CHIUDERE il rubinetto del carburante prima di inclinare il generatore.**



- **NON rimuovere alcun coperchio del gruppo elettrogeno quando il motore è acceso. In caso contrario, l'inverter, l'alternatore o altre parti elettriche potrebbero subire danni a causa di un raffreddamento insufficiente.**

1.2 EXHAUST FUMES HAZARDS

- **I fumi di scarico contengono monossido di carbonio（CO），un gas incolore e inodore. La respirazione di CO può causare uno stato d'incoscienza o morte**

- **Non far funzionare mai il generatore all'interno di un garage o di una casa, anche se la porta o la finestra sono aperte. Azionare il generatore in un'area ben ventilata.**

1.3 PERICOLI DA SCOSSA ELETTRICA

- **Non azionare mai il motore sotto la pioggia, neve o in luoghi bagnati.**
- **Non toccare mai l'apparecchio con le mani bagnate.**
- **Unità di terra per evitare scosse elettriche.**

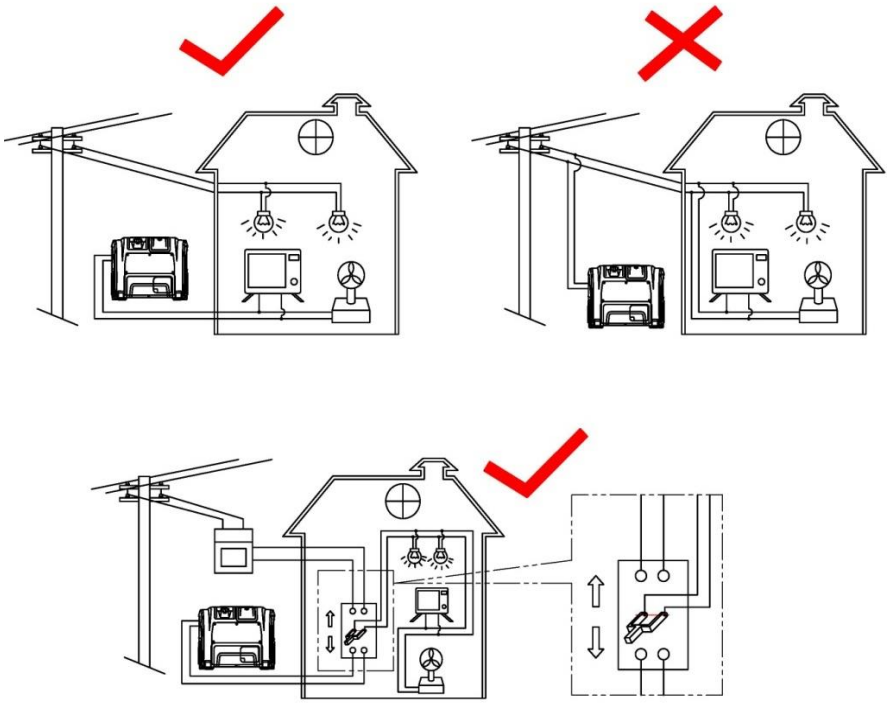
1.4 PERICOLI DI INCENDIO E USTIONI

- **La benzina risulta estremamente infiammabile ed esplosiva in determinate condizioni. Non fumare e non lasciare fiamme o scintille nell'area in cui il generatore viene rifornito o in cui viene conservata la benzina. Rifornire in un'area ben ventilata con il motore spento e raffreddato.**

- **Il generatore può essere inclinato verso il basso, ma appoggiato soltanto sul lato timone di traino. Se appoggiato sull'altro lato, l'OLIO potrebbe fuoriuscire e danneggiare il motore o la vostra proprietà. Anche il CARBURANTE può fuoriuscire e causare un INCENDIO o ESPLOSIONE.**

- **La marmitta si scalda molto durante il funzionamento e resta calda per un po' di tempo dopo l'arresto del motore. Fare attenzione a non toccare la marmitta se risulta calda.**
- **Evitare di collocare materiali infiammabili vicino allo scarico durante il funzionamento.**
- **Tenere il generatore ad almeno 1 m (3 piedi) da edifici o altre apparecchiature, altrimenti potrebbe surriscaldarsi.**
- **Lasciare raffreddare il motore prima di conservare il generatore all'interno.**

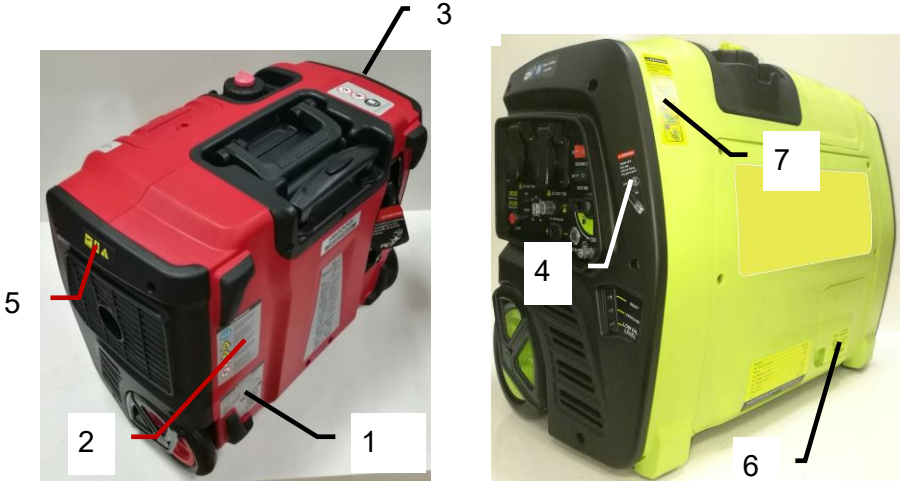
1.5 NOTE SUL COLLEGAMENTO



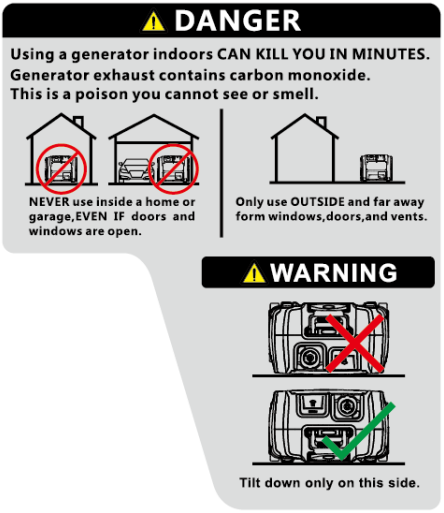
- **Non collegare a un impianto elettrico dell'edificio se non è stato installato un interruttore di isolamento da un elettricista qualificato.**
- **Evitare di collegare il generatore in parallelo con qualsiasi altro generatore.**

2. IMPORTANT LABEL LOCATIONS

Please read the following labels carefully before operating this generator.



①


DANGER
Using a generator indoors CAN KILL YOU IN MINUTES.
Generator 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 form windows,doors,and vents.
WARNING
Tilt down only on this side.

②


WARNING
Read owner's manual and all labels before operating.
Only operate in well-ventilated areas. Exhaust gas contains poisonous carbon monoxide.
Ground unit to avoid electrical hazards.
Keep unit dry. Do not expose unit to rain or wet locations.
Stop engine before refueling. Check for spilled fuel or fuel leaks. Do not operate near flammable materials. Turn OFF the fuel tap after unit is used.
This symbol indicates that when the end-user wishes to discard this product, it must be sent to separate collection facilities for recovery and recycling.

③

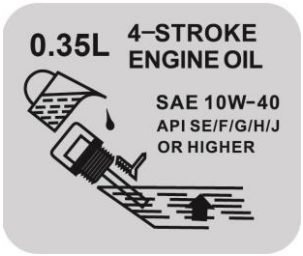

UNLEADED GASOLINE ONLY
STOP ENGINE BEFORE FUELING!
E85

④

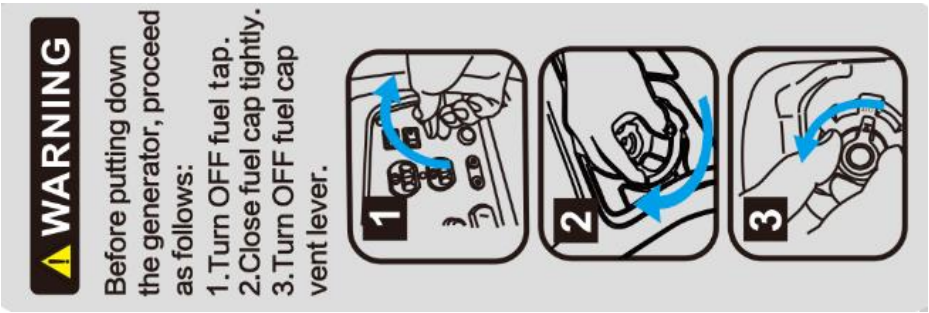

WARNING
TURN OFF
fuel tap
before tilting
the generator!
OFF
ON

⑤

⑥

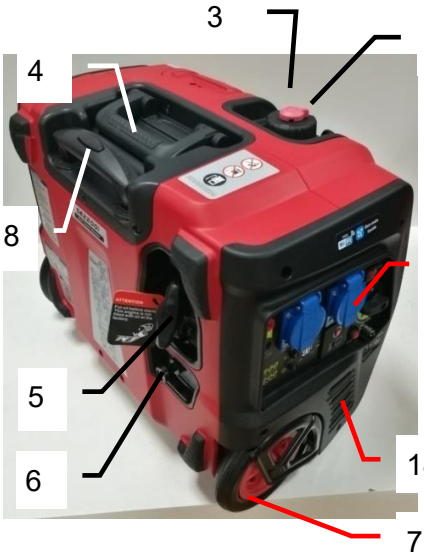

0.35L
4–STROKE
ENGINE OIL
SAE 10W-40
API SE/F/G/H/J
OR HIGHER

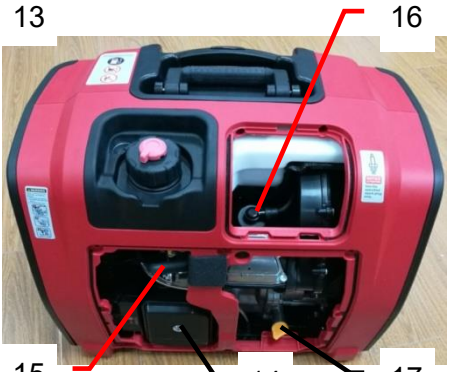
7


WARNING
Before putting down the generator, proceed as follows:
1.Turn OFF fuel tap.
2.Close fuel cap tightly.
3.Turn OFF fuel cap vent lever.
1
2
3

3. UNIT DESCRIPTION

3.1 COMPONENTS IDENTIFICATION





(1). Control Panel: Location of generator controls and output receptacles.

(2). Fuel Cap: Access to fuel tank for filling.

(3). Fuel Cap Vent Lever: Control valve between atmosphere and fuel tank.

(4). Carrying Handle: Lift the generator by this handle only.

(5). Starter Grip: Pull starter grip for starting engine.

(6). Choke Knob: Cold engine starting aid.

(7). Wheels: Move the generator by the wheels.

(8). Draw Bar Handle: Pull the handle to drag this generator on the ground.

(9). Maintenance Cover: Allows access to air filter, carburetor and engine oil cap etc.

(10). Spark Plug Maintenance Cover: Allows access to engine spark plug.

(11). Oil Maintenance Cover: Allows access to fill the engine oil.

(12). Fuel Gauge: Check fuel level in fuel tank.

(13). Muffler: Lowers engine exhaust noise.

(14). Air Filter: Clean air for engine.

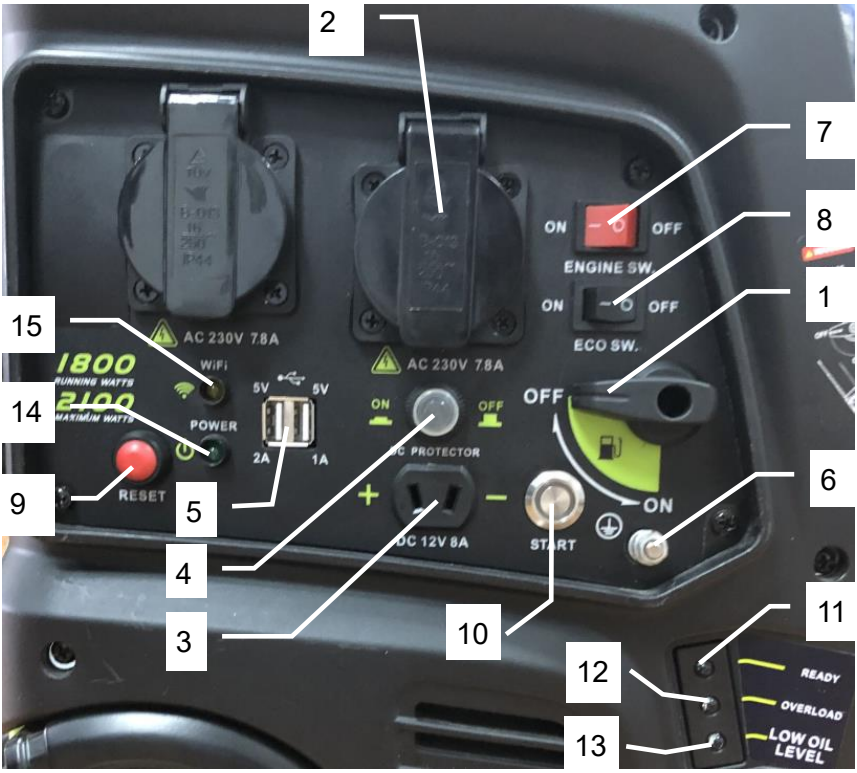
(15). Carburetor: Supply the fuel-air mixture to engine.

(16). Spark Plug: Ignites the fuel-air mixture when the engine piston reaches the top of the cylinder.

(17). Oil Cap: Access to fill or drain engine oil.

(18). Air Intake Slats: Allow for cooling air to enter the housing.

3.2 CONTROL PANEL



(1). Fuel Tap: Controls fuel supply to the carburetor.

(2). AC Receptacles: AC Output receptacles for connecting AC devices.

(3). 12V DC Receptacle: Connection for re-charging 12V DC automotive-style batteries while generator is in operation.

(4). 12V DC Circuit Breaker: Overload protection for the 12VDC charging system.

(5). USB Plug: USB Output receptacles for connecting 5VDC devices.

(6). Ground (Earth) Terminal: Grounding point for the generator.

(7). Engine Switch: This switch turns ON or OFF engine ignition system.

(8). ECO Switch: Turning on this switch can slows the engine speed when the load is reduced to save fuel, lessen noise and engine wear.

(9). Reset Button: This switch can be used to recover output of the generator under the condition of overload protection, and unnecessary to restart engine overall.

(10). Start Button (optional): This switch can be used to start the engine equipped with electric starter (optional equipment).

(11). READY LED (green): READY LED light comes ON when the generator is operating normally. It indicates that the generator is producing electrical power at the receptacles.

(12). OVERLOAD LED (red): If the generator is overloaded, or if there is a short circuit at AC receptacles, the overload LED light (red) will go ON, and current to the connected appliance(s) will shut off in a few seconds.

(13). LOW OIL LEVEL LED (yellow): Lights up when oil level is below safe operating level, and the engine shuts down automatically. Unless

you refill with oil, the engine will not start again.

(14). POWER LED (optional): Lights up when the Gen-mate unit (optional equipment) inside the generator is operating normally.

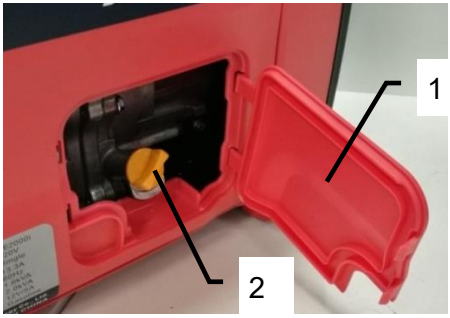
(15). Wi-Fi LED (optional): The light comes ON and flash slowly when the generator with Gen-mate unit (optional equipment) is connected to the Gen-mate APP in Smartphone by Wi-Fi.

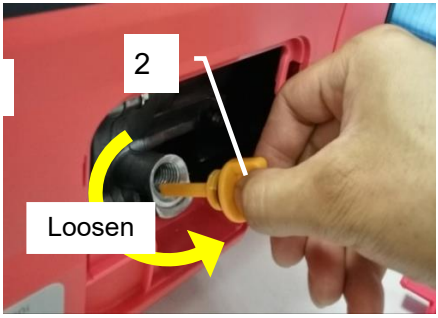
4. PREPARATION

4.1 ENGINE OIL

NOTE

- **The engine has been shipped from our factory without oil. Put oil before starting.**
- **Recommended engine oil: 4-stroke engine oil, SAE 10W-40, API SE/SF/SG/SH/SJ or higher.**
- **Engine oil quantity: 0.35L.**





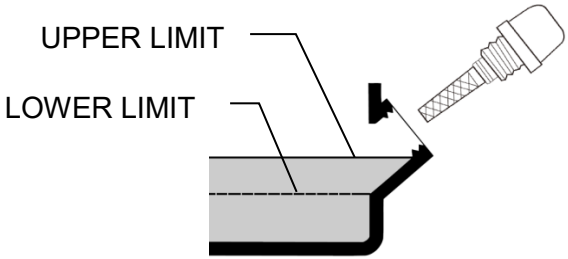
Add Engine Oil:

(1). Open the Oil Maintenance Cover 1, and remove the Oil Cap 2.

(2). Fill the specified amount of the recommended engine oil, and then install and tighten the Oil Cap.

NOTE

- **Make certain the generator is on a flat, level surface.**
- **Keep the engine oil level between LOWER LIMIT and UPPER LIMIT. Too much or too little oil will shorten the service life of the engine.**

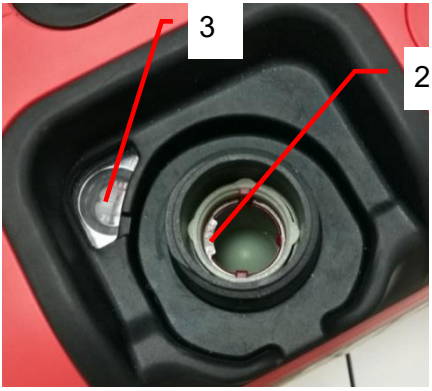


- **The engine is equipped with a low oil sensor that will prevent the engine from running. If the oil level falls below a critical threshold, the engine will stop automatically.**
- **When the engine shuts down automatically by the low oil protection, the LOW OIL LEVEL LED (yellow) will come on, and unless you refill with oil, the engine will not start again.**

4.2 FUEL

⚠ WARNING

- **Gasoline is extremely flammable and explosive under certain conditions. Do not smoke or allow flames or sparks where the generator is refueled or where gasoline is stored.**
- **Refuel in a well-ventilated area with the engine stopped.**
- **DO NOT fill above the Red Level, otherwise it may overflow when the fuel warms up and expands.**
- **Immediately wipe off spilled fuel with a clean, dry, soft cloth, since fuel may deteriorate painted surfaces or plastic parts.**



Add Fuel:

(1). Remove the Fuel Cap 1 and fill the fuel into the tank up to the Red Level 2.

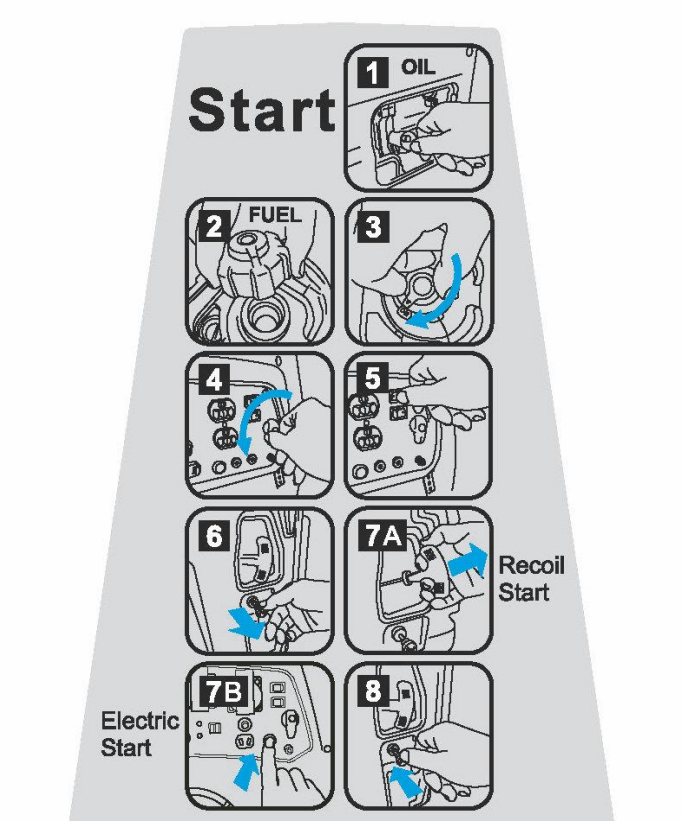
(2). The fuel level in the fuel tank can be checked through the Fuel Gauge 3.

(3). After fill the fuel, make sure the Fuel Cap 1 is tightened securely.

NOTE

- **Use only unleaded gasoline. The use of leaded gasoline will cause severe damage to internal engine parts.**
- **Never use an oil/gasoline mixture.**
- **You may use regular unleaded gasoline containing no more than 10% Ethanol (E10).**
- **Make certain the generator is on a flat, level surface.**
- **Fuel tank capacity: 4.2L.**

5. STARTING THE ENGINE

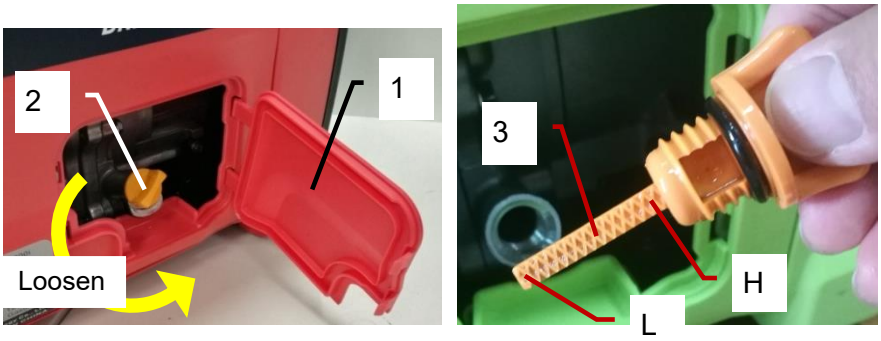


5.1 CHECK ENGINE OIL

Check the oil BEFORE EACH USE with the generator on a level surface and the engine stopped.

RECOMMENDED OIL:

4-stroke engine oil, SAE 10W-40, API SE/SF/SG/SH/SJ or higher.



(1). Open the Oil Maintenance Cover 1.

(2). Remove the Oil Cap 2 and wipe the Dipstick 3 clean.

(3). Check the oil level by inserting the Dipstick 3 into the filler neck without screwing it in.

(4). If the wet line on the Dipstick 3 is between "L" position and "H" position, the oil level is OK. If the oil cannot reach "L" position, the oil level is too low. Fill to the upper limit of the oil filler neck with the recommended oil.

(5). Tighten the Oil Cap 2 and reinstall the Oil Maintenance Cover 1.

(6). Check generator for oil leakage.

NOTE

- **Make certain the generator is on a flat, level surface when check the engine oil.**
- **Engine oil quantity: 0.35L.**
- **The engine is equipped with a low oil sensor that will stop the engine automatically when the oil level falls below a critical threshold.**

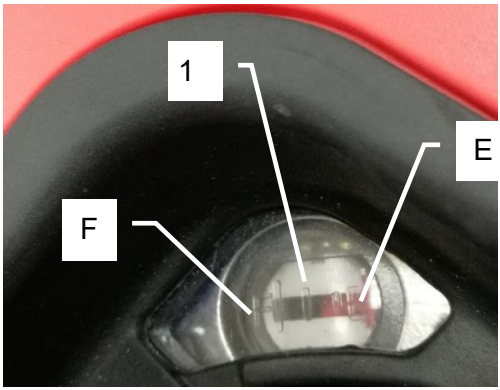
- **When the engine shuts down automatically by the low oil protection, the LOW OIL LEVEL LED (yellow) will come on, and unless you refill with oil, the engine will not start again.**

5.2 CHECK FUEL

⚠ WARNING

- **Do not smoke or allow flames or sparks where the generator is refueled or where gasoline is stored.**
- **Refuel in a well-ventilated area with the engine stopped.**
- **DO NOT fill above the Red Level.**

Check the fuel BEFORE EACH USE with the generator on a level surface and the engine stopped.



(1). Checked the fuel level in the fuel tank through the Fuel Gauge 1. If the red mark in the Fuel Gauge 1 is close to "E" position, means the fuel level in the fuel tank is lower. If the red mark in the Fuel Gauge 1 is close to "F" position, means the fuel level in the fuel tank is higher.

(2). Refuel if necessary.

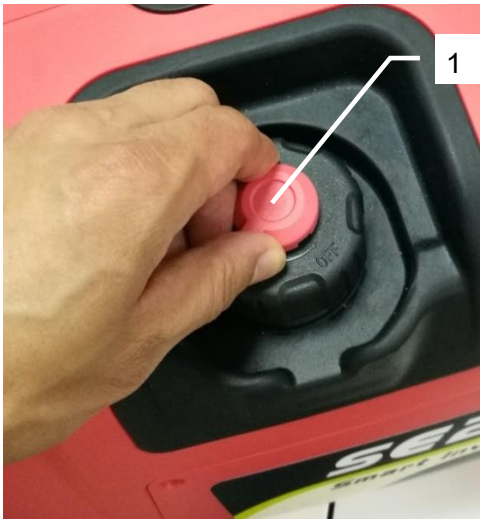
(3). After fill the fuel, make sure the Fuel Cap is tightened securely.

(4). Check generator for fuel leakage.

NOTE

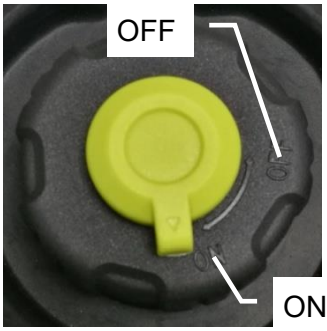
- **Use only unleaded gasoline.**
- **Never use an oil/gasoline mixture.**
- **Fuel tank capacity: 4.2L.**
- **Make certain the generator is on a flat, level surface when check the fuel.**

5.3 OPEN THE FUEL CAP VENT LEVER

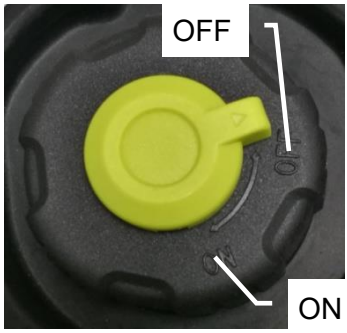


Turn the Fuel Cap Vent Lever 1 to “ON” position.

"ON" position



"OFF" position



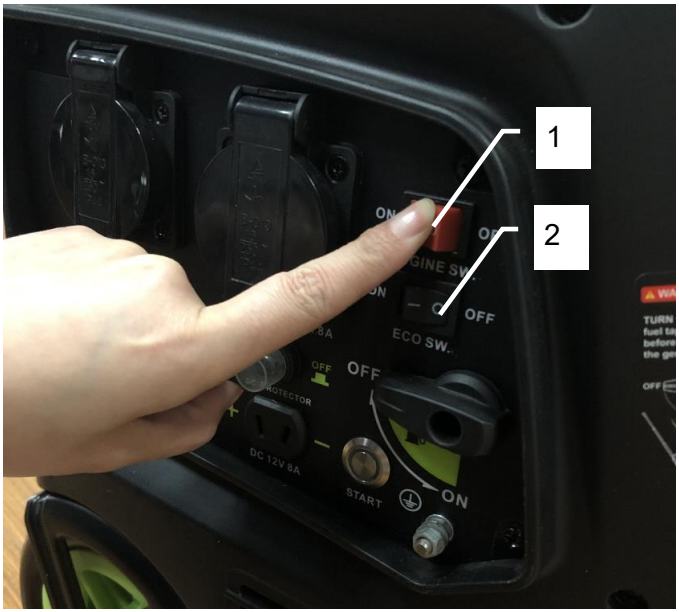
5.4 OPEN THE FUEL TAP

Turn the Fuel Tap 1 to “ON” position.

"ON" position

"OFF" position

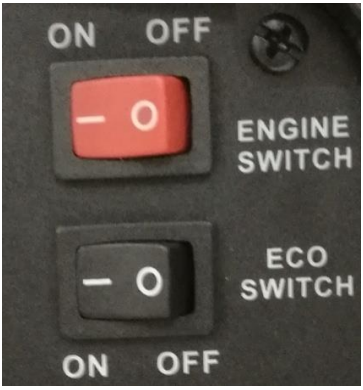
5.5 THE ENGINE SWITCH & ECO SWITCH



(1). Turn the Engine Switch (Red) 1 to “ON” position.

(2). Turn the ECO Switch (Black) 2 to “OFF” position.

"ON" position



"OFF" position

5.6 USE CHOKE

Pull the Choke Knob 1 fully out to "START" position.

"RUN" position

"START" position

NOTE

- **The Choke is not required to start a warm engine. Push the Choke Knob into the "RUN" position.**
- **Usually keep the Choke Knob in "START" position for only 2 pulls of the recoil starter or 2 pushes of the electric start button. After second pull or push, push Choke Knob into the "RUN" position for up to the next 3 pulls or pushes. Too much choke leads to Spark Plug fouling/engine flooding due to the lack of incoming air. This will cause the engine not to start.**
- **Keep the Choke Knob in "START" position for more pulls or pushes if weather is cold.**

5.7 START THE ENGINE

⚠ DANGER

- **Exhaust fumes contains poisonous carbon monoxide（CO）, a colorless and odorless gas. Breathing CO can cause loss of consciousness and may lead to death.**
- **Operate the generator in a well-ventilated area. Never run your generator inside a garage or house, even if door or window is open.**

NOTE

- **Make certain the generator is on a flat, level surface when start or operate the generator.**
- **Turn off or unplug all electrical loads connected to the generator AC Receptacles before starting the engine.**
- **Keep the Choke Knob in "START" position for more pulls of recoil starter or pushes of electric starter if weather is cold.**

Recoil Start:

Pull the Starter Grip 1 slowly until resistance is felt and then pull rapidly.

NOTE

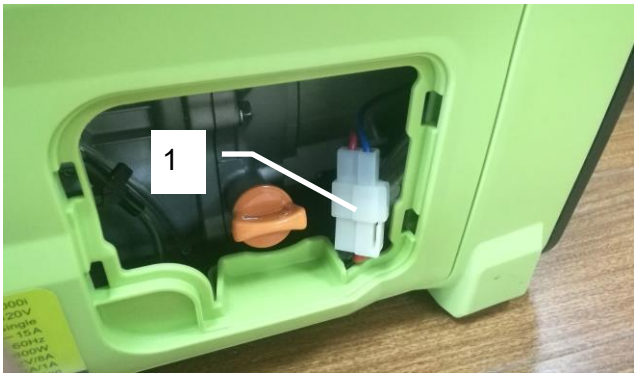
- **Do not allow the Starter Grip to snap back against the generator. Return it gently to prevent damage to the starter or housing.**
- **Normally the engine can be started within three pulls. Keep the Choke Knob in "START" position for only 2 pulls. After second pull, push the Choke Knob into the “RUN” position for up to the next 3 pulls.**

Electric Start (optional):

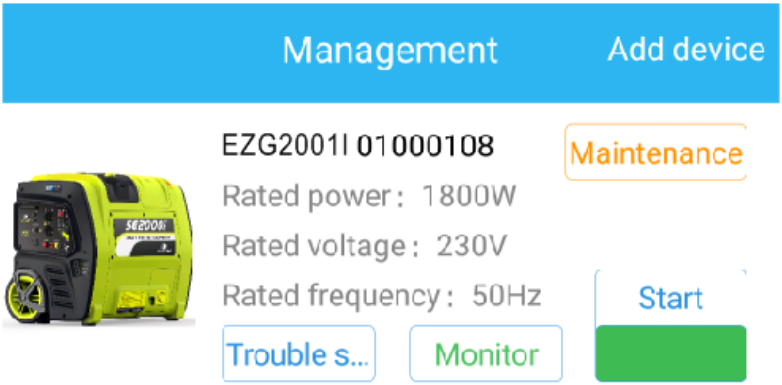
Push the Start Button 1 to the end and then release it.

NOTE

- **Open the Oil Maintenance Cover to connect the Battery Connector 1 before using the electric starter (optional).**



- **Normally the engine can be started within three pushes with electric starter. Keep the Choke Knob in "START" position for only 2 pushes. After second push, push the Choke Knob into the “RUN” position for up to the next 3 pushes.**
- **The electric starter (optional equipment) is equipped with an over-temperature sensor that will shut down the electric starter automatically when the engine temperature is very high unless it became cool.**
- **The generator equipped with the electric starter (optional equipment) and Gen-mate unit (optional equipment) also can be started by Gen-mate APP in smartphones as follows:**



5.8 CLOSE CHOKE

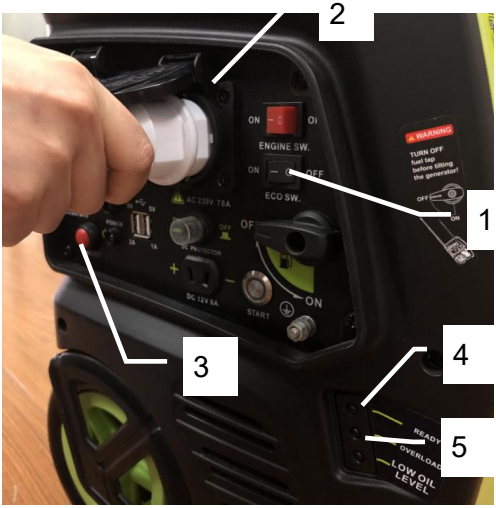
After starting the engine, push the Choke Knob 1 fully into the “RUN” position.

"RUN" position "START" position

NOTE

Wait a few seconds until the engine speed is stable before closing the choke, and more time waiting if weather is cold.

6. AC OPERATION



6.1 USE THE GENERATOR:

After starting the engine, let it run for 2 or 3 minutes to warm up, then you can use the generator as follows:

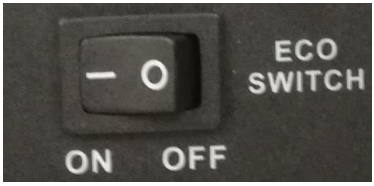
(1). Make sure the READY LED (green) 4 comes on.

(2). Turn the ECO Switch 1 to "ON" position to use Economy Control System. This system controls the engine speed according to the connected load. The results are better fuel consumption and less noise.

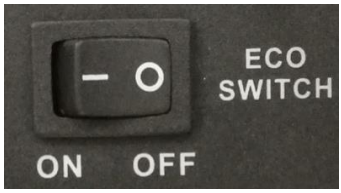
(3). Connect plug to the generator AC Receptacles 2 for AC electric devices.

(4). Turn on the electric devices for operation.

"ON" position



"OFF" position



⚠ WARNING

- **AC output voltage is very high, operators must be protected from electric shock at all times. Do not operate with wet hand.**
- **Do not operate by children without supervision. Do not expose the mobile power to rain, moisture or snow.**

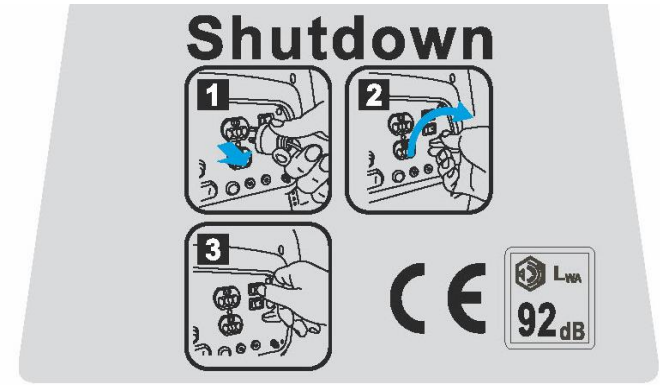
- **Be sure to ground (Earth) the generator when the electric appliance is earthed.**

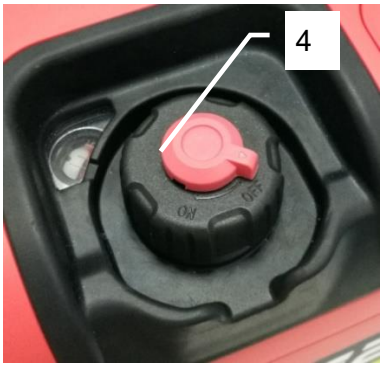
NOTE

- **The ECO Switch 1 must be turned to "OFF" position when using electric devices that require a large starting current, such as a heavy compressor or some high electrical loads.**
- **Be sure all electric devices including the lines and plug connections are in good condition before connection to the generator.**
- **Be sure the total load is within generator rated output.**
- **Be sure the receptacle load current is within receptacle rated current.**
- **If the generator is overloaded (in excess of rated power), or if there is a short circuit in a connected appliance, the OVERLOAD LED (red) 5 will go ON, and the current to the connected appliance(s) will shut off, and the READY LED (green) 4 will go OFF.**
- **The Reset Button 3 can be used to recover output of the generator under the condition of overload protection, and unnecessary to restart engine overall. But at first check and correct the problem, if there is a short circuit in a connected appliance or wire.**
- **When an electric motor is started, the OVERLOAD LED (red) 5 may come on. This is normal if the OVERLOAD LED (red) 5**

goes off after a few seconds.

6.2 SHUT DOWN THE GENERATOR:





Once the generator is no longer needed it can be shut down:

(1). Disconnect or turn off all electrical loads connected to the

generator AC Receptacles 1.

(2). Turn the Fuel Tap 2 to the “OFF” position.

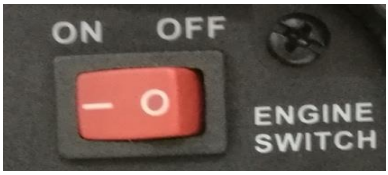
(3). Turn the Engine Switch 3 to “OFF” position.

(4). Allow the engine to cool well, then turn the Fuel Cap Vent Lever 4 to “OFF” position.

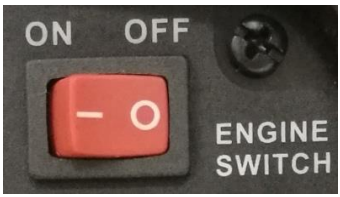
"ON" position

"OFF" position

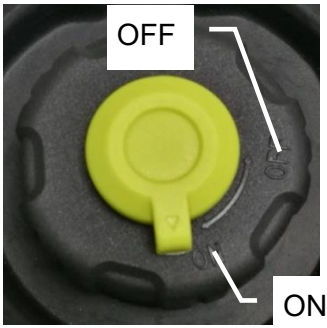
"ON" position



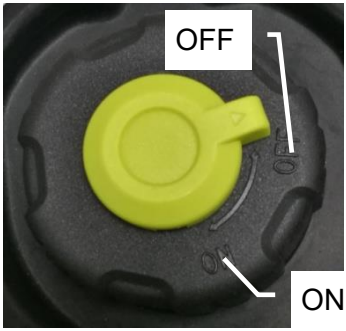
"OFF" position



"ON" position

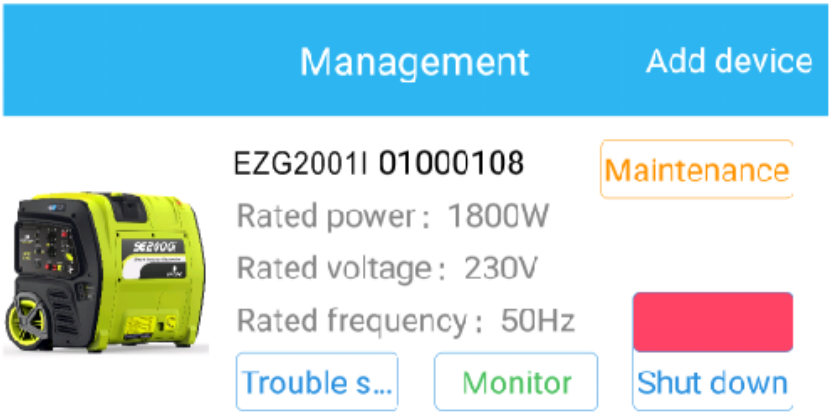


"OFF" position



NOTE

- **Generator equipped with Gen-mate unit (optional equipment) can be shut down by Gen-mate APP in smartphones, if using the APP, the above step 2/3 is unnecessary, but step 2/4 should be done before tilting or storing the generator.**



- **TURN OFF all electrical loads connected to the generator AC Receptacles 1 before shutting down by Gen-mate APP in smartphones.**

⚠ WARNING

- **Always allow the generator to cool off before moving or storing. High temperature will be present at the rear of the unit for some time after shutdown.**
- **DO NOT turn the Fuel Cap Vent Lever 4 to "OFF" position before cooling the engine. Allow the engine to cool well, if not, the fueltank can be crushed by cold contraction of the fuel gas in the fueltank .**

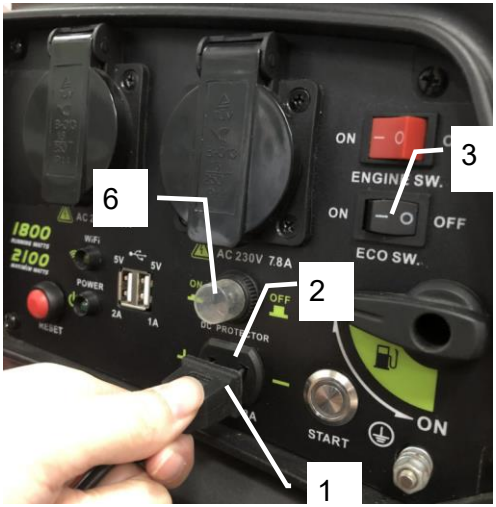
7. DC OPERATION

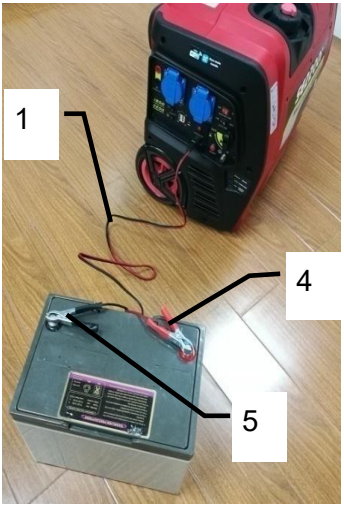
⚠ WARNING

- **Never smoke, open flame, sparks or make and break connections at the battery while charging. Sparks may ignite the battery gas. Batteries give off explosive hydrogen gas while recharging. Provide adequate ventilation when charging or using batteries.**
- **Wear protective goggles and gloves when working around a battery. Battery electrolyte is an extremely corrosive sulfuric**

acid solution that can cause severe burns. Avoid contact with skin, eyes or clothing. If a spill occurs, flush area with clear water immediately.

7.1 CONNECTING THE BATTERY CHARGING CABLE:





(1). Before connecting the Battery Charging Cable 1 to a battery that is installed in a vehicle, disconnect the vehicle battery ground cable from the negative (-) battery terminal.

(2). Plug the Battery Charging Cable 1 into the 12V DC Receptacle 2 of the generator.

(3). Connect the Red Charger Jack 4 to positive (+) battery terminal and the Black Charger Jack 5 to negative (-).

(4). Turn the ECO Switch 3 to the “OFF” position.

(5). Start the engine to charge the battery.

(6). Charging time will vary with battery size and condition. The DC Circuit Breaker 6 does not prevent over-charging a battery.

NOTE

- **The 12V DC Receptacle should ONLY be used for charging 12V automotive type batteries. The 12V DC output is unregulated and will damage other 12V DC products.**
- **When using the 12V DC output, turn the ECO Switch to the "OFF" position.**
- **NEVER reverse the polarity when connecting the battery terminals to the charging jack. Severe damage may occur to the generator and battery.**
- **Do not start the vehicle while the battery charging cable is connected and the generator is running. The vehicle or the generator may be damaged.**
- **An overloaded DC circuit or a wiring problem will trip the DC Circuit Breaker 6(PUSH button extends out). If this happens, wait a few minutes before pushing in the DC Circuit Breaker 6 to resume operation. If the DC Circuit Breaker 6 continues to go OFF, discontinue charging and contact your authorized generator dealer.**

7.2 DISCONNECTING THE BATTERY CHARGING CABLE:

(1). Turn the Engine Switch to “OFF” position to stop the engine.

(2). Disconnect the Black Charger Jack of the Battery Charging Cable from the negative (-) battery terminal.

(3). Disconnect the Red Charger Jack of the Battery Charging Cable from the positive (＋) battery terminal.

(4). Disconnect the Battery Charging Cable from the 12V DC Receptacle of the generator.

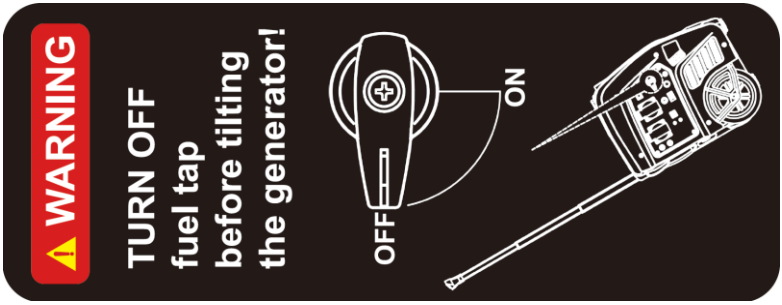
(5). Connect the vehicle battery ground cable to the negative (-) battery terminal.

8. SPECIAL REQUIREMENTS

NOTE

- **DO NOT modify the generator in any way.**

- **The generator is allowed to be tilted down, but ONLY lay on the Drawbar Side 1. If lay down on other side, OIL may leak and damage the engine or your property. Also FUEL may leak and cause FIRE or an EXPLOSION.**



- **Turn OFF the Fuel Tap before tilting the generator.**

- **Before transporting and storing the generator, proceed as follows:**

  (1). Turn OFF the Fuel Tap.

  (2). Allow the generator to cool off before moving or storing.

  (3). Close the Fuel Cap tightly.

  (4). Turn OFF the Fuel Cap Vent Lever.

- **DO NOT turn the Fuel Cap Vent Lever to "OFF" position before cooling the engine. Allow the engine to cool well, if not, the fueltank can be crushed by cold contraction of the fuel gas in the fueltank .**

- **Keep all cooling holes open and clear of debris, mud, water, etc. Cooling holes are located on the front panel and the back cover of generator. If the cooling holes are blocked, the generator may overheat and damage the engine, inverter, or windings.**
- **DO NOT remove any cover of the Generator Case 1 when the engine is running. If not, inverter or other electric parts may be damaged because of bad cooling.**

9. MAINTENANCE

Periodic maintenance will keep your generator in the best operating condition.

⚠ WARNING

- **Read the instructions before you begin, and make sure you have the tools and skills required.**
- **Stop the engine before starting maintenance work.**
- **To reduce the possibility of fire or explosion, be careful when working around gasoline. Use only a nonflammable solvent, not gasoline, to clean parts. Keep cigarettes, sparks, and flames away from all fuel-related.**

NOTE

- **If you are not familiar with maintenance work, have a authorized dealer do it for you.**
- **Use ours or equivalent quality parts for replacement. Ask an**

authorized dealer for further attention.

Maintenance Schedule

Item \ Regular Service Period (5)		Each use	Every 6 months or 50 hrs.	Every 1 year or 100 hrs.	Every 2 years or 300 hrs.
Engine oil	Check level	⊙			
	Change		⊙(1)		
Air cleaner	Clean			⊙(2)	
Spark plug	Check-adjust			⊙	
	Replace				⊙
Spark arrester	Clean			⊙	
Valve Clearance	Check-adjust				⊙(3)
Combustion Chamber	Clean				⊙(3)
Fuel tank & filter	Clean			⊙	
Fuel line	Check				⊙(4)

NOTE

(1). Change engine oil after the first 10 hrs.

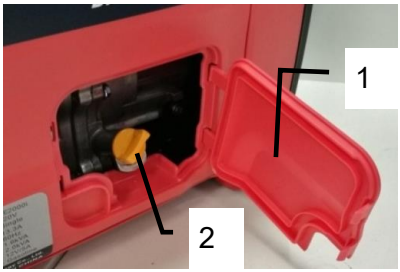
(2). Service more frequently when used in dusty areas.

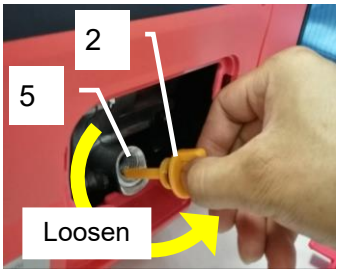
(3). These items should be serviced by your servicing dealer, unless you have the proper tools and are mechanically proficient.

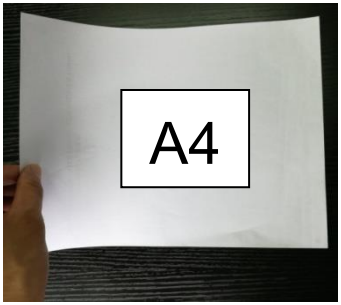
(4). Replace fuel line if necessary every 2 years.

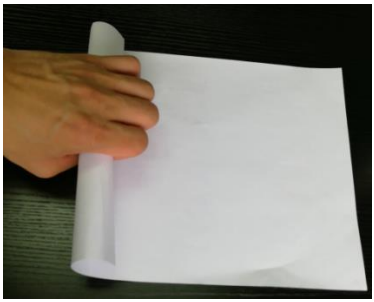
(5). For commercial use, long hours of operation to determine proper maintenance intervals. Failure to follow this maintenance schedule could result in non-warrantable failures.

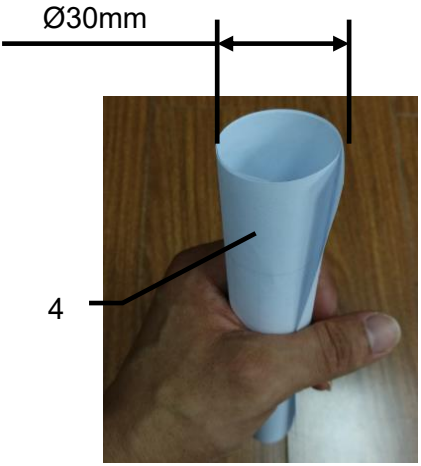
9.1 ENGINE OIL CHANGE

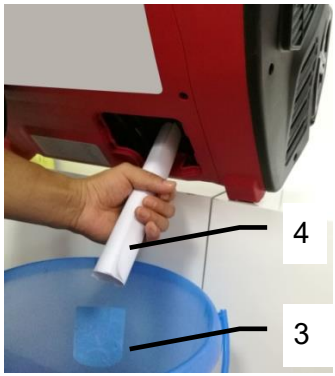


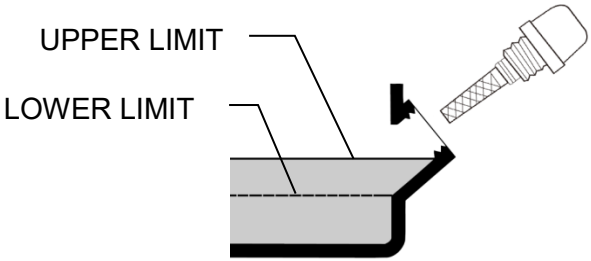












Drain the used oil while the engine is warm. Warm oil drains quickly and completely.

(1). Turn OFF the Fuel Tap, Close the Fuel Cap tightly and turn OFF the Fuel Cap Vent Lever to reduce the possibility of fuel leakage.

(2). Open the Oil Maintenance Cover 1 .

(3). Place a suitable Container 3 next to the engine to catch the used oil.

(4). Remove the Oil Cap/Dipstick 2, and use a A4 paper to make a Pipe

4 that its diameter is about 30mm.

(5). Set fully the paper Pipe 4 outside of the Oil Filler Neck 5, and drain the used oil into the Container 3 by tipping the engine toward the Oil Filler Neck 5.

(6). With the engine in a level position, fill to the UPPER LIMIT of the Oil Filler Neck 5 with the recommended oil.

(7). Reinstall the Oil Cap/Dipstick 2 securely.

(8). Reinstall the Oil Maintenance Cover 1.

NOTE

- **Do not tilt the generator when adding engine oil. This could result in overfilling and damage to the engine.**
- **Improper disposal of engine oil can be harmful to the environment. The used oil should be put in a sealed container, and take it to a recycling station. Do not discard it in a trash bin, dump it on the ground, or pour it down a drain.**

9.2 AIR CLEANER SERVICE

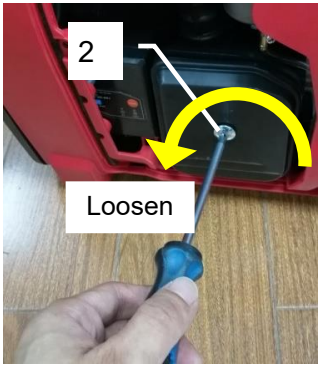
A dirty air cleaner will restrict air flow to the carburetor. To prevent carburetor malfunction, service the air cleaner regularly. Service more frequently when operating the generator in extremely dusty areas.

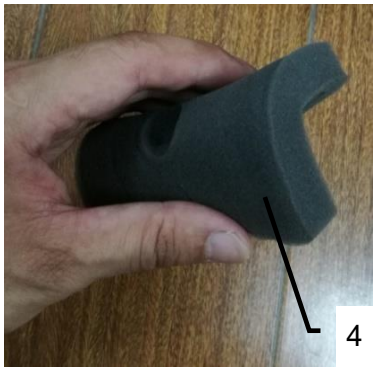
⚠ WARNING

Using gasoline or flammable solvent to clean the air filter can cause a fire or explosion. Use only soapy water or nonflammable solvent.

NOTE

Operating the engine without an air filter, or with a damaged air filter, will allow dirt to enter the engine, causing rapid engine wear. This type of damage is not covered by the Distributor's Limited Warranty.





(1). Loosen five screws and remove the Maintenance Cover 1.

(2). Loosen the Cover Screw 2 and remove the Air Filter Cover 3.

(3). Wash the Sponge 4 in a solution of household detergent and warm water, then rinse thoroughly, or wash in nonflammable or high flash point solvent. Allow the air filters to dry thoroughly.

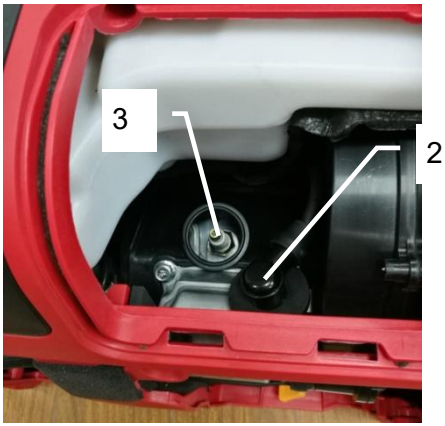
(4). Reinstall the Sponge 4 and Air Filter Cover 3, and tighten the Cover Screw 2.

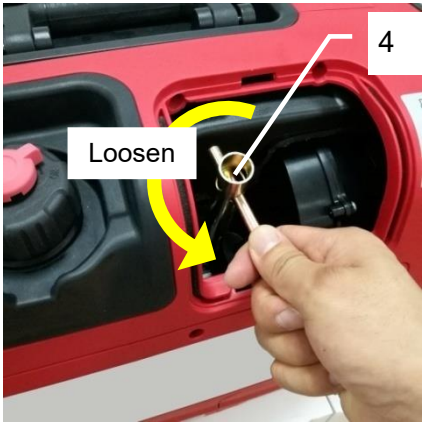
(5). Reinstall the Maintenance Cover 1.

9.3 SPARK PLUG SERVICE

NOTE

- **To ensure proper engine operation, the spark plug must be properly gapped and free of deposits.**
- **An incorrect spark plug can cause engine damage.**
- **If the engine has been running, allow it to cool before servicing the spark plug.**





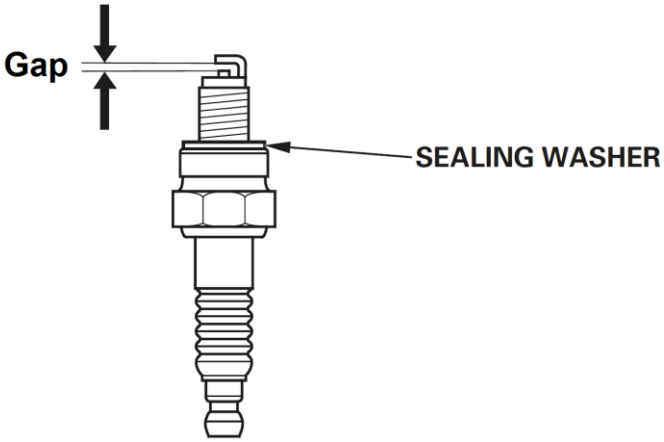
(1). Unscrew the screw 5, and then remove the Spark Plug Maintenance Cover 1.

(2). Remove the Spark Plug Cap 2.

(3). Use a Spark Plug Wrench 4 to remove the Spark Plug 3.

(4). Inspect the Spark Plug 3. Replace it if the electrodes are worn or if the insulator is cracked, chipped, or fouled.

(5). Measure the spark plug electrode gap with a wire-type feeler gauge. Correct the gap, if necessary, by carefully bending the side electrode. The gap should be: 0.024－0.028 in (0.60－0.70 mm) or 0.027－0.031 in (0.70－0.80 mm) according to Spark Plug type in SPECIFICATIONS.



(6). Check that the spark plug sealing washer is in good condition.

(7). After the Spark Plug 3 is seated, tighten with a Spark Plug Wrench to compress the washer. If installing a new spark plug, tighten 1/2 turn after the spark plug seats to compress the washer. If reinstalling a used spark plug, tighten 1/8－1/4 turn after the spark plug seats to compress the washer.

(8). Reinstall the Spark Plug Cap 2 on the Spark Plug 3 securely.

(9). Reinstall the Spark Plug Maintenance Cover 1.

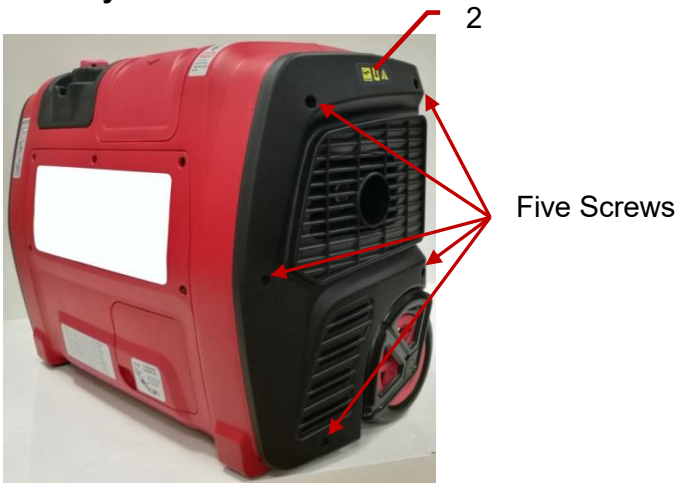
NOTE

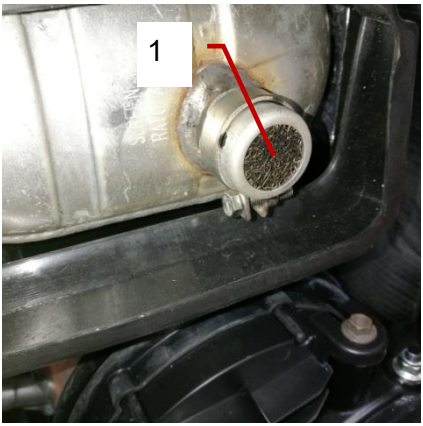
A loose spark plug can overheat and damage the engine. Over tightening the spark plug can damage the threads in the cylinder head.

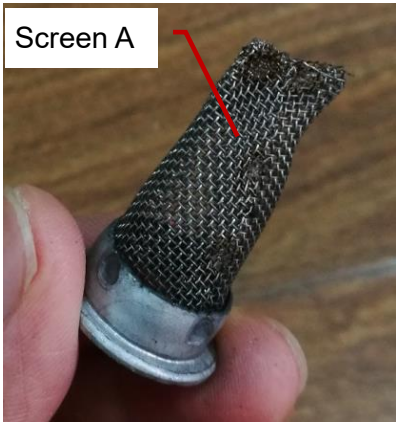
9.4 SPARK ARRESTER MAINTENANCE

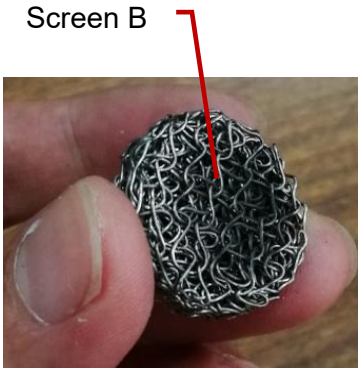
NOTE

- **If the generator has been running, the muffler will be very hot. Allow it to cool before proceeding.**
- **The Spark Arrester must be serviced every 100 hours to maintain its efficiency.**









Clean the Spark Arrester 1 as follows:

(1). Remove the five screws, and remove the Back Cover 2.

(2). Remove the Spark Arrester 1.

(3). Use a brush to remove carbon deposits from the Screen A and B.

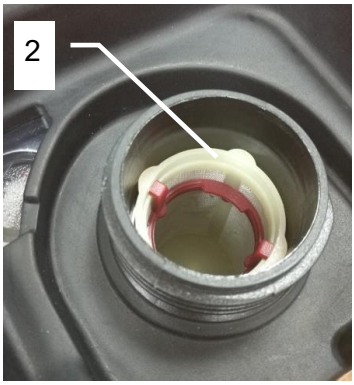
(4). Inspect the Screen A for breaks or tears and replace it if necessary.

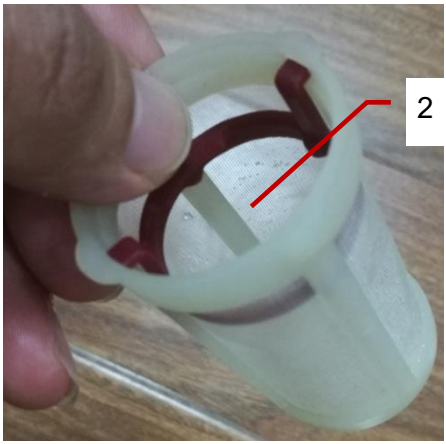
(5). Reinstall the Spark Arrester 1, and the Back Cover 2.

9.5 CLEANING FUEL TANK FILTER

⚠ WARNING

Never use the gasoline while smoking or in the vicinity of an open flame.





(1). Remove the Fuel Cap 1 and Fuel Tank Filter 2.

(2). Clean the Fuel Tank Filter 2 with gasoline. If damaged, replace it.

(3). Wipe the Fuel Tank Filter 2 and install it.

(4). Install the Fuel Cap 1 securely.

10. TRANSPORTATION AND STORAGE

⚠ WARNING

- **Transport or store the generator only if it has cooled completely.**
- **Before transporting and storing the generator, proceed as follows:**

  (1). Turn OFF the Fuel Tap.

  (2). Allow the generator to cool off before moving or storing.

(3). Close the Fuel Cap tightly.

(4). Turn OFF the Fuel Cap Vent Lever.

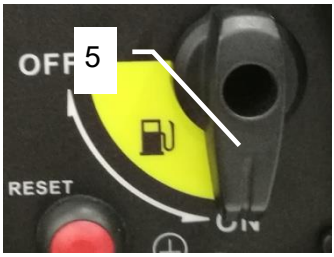
- **DO NOT turn the Fuel Cap Vent Lever to "OFF" position before cooling the engine. Allow the engine to cool well, if not, the fuel tank can be crushed by cold contraction of the fuel gas in the fuel tank.**

It is important to prevent gum deposits from forming in essential fuel system parts such as the carburetor, fuel hose or tank during long-term storage.

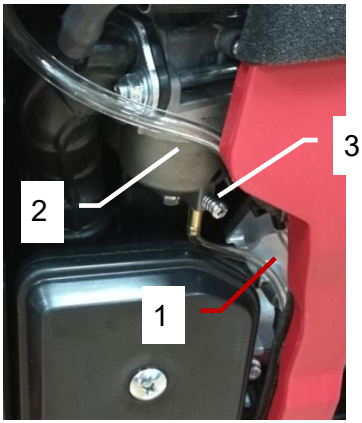
If the generator is going to be stored for more than six (6) months, the generator should be prepared as follows:

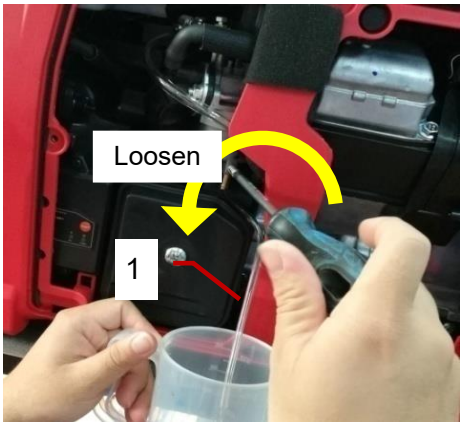
10.1 DRAIN THE FUEL FROM THE CARBURETOR

"ON" position



"OFF" position





(1). Turn the Fuel Tap 5 to the “OFF” position.

(2). Loosen five screws and remove the Maintenance Cover 4.

(3). Take out the Drain Hose 1 from the hole at the bottom casing, and put it into a suitable container.

(4). Loosen the Drain Screw 3 anticlockwise.

(5). Drain the gasoline from the Carburetor 2 into the container through the Drain Hose 1.

(6). Tighten the Drain Screw 3 clockwise securely.

10.2 DRAIN THE FUEL FROM FUEL TANK

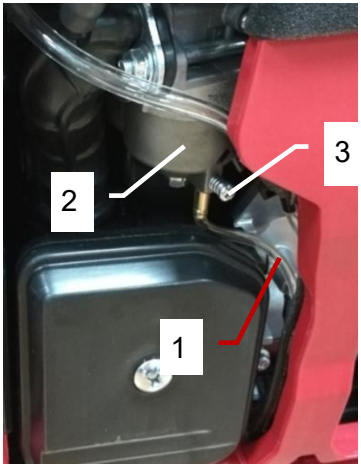
(1). Unscrew the Fuel Cap, remove the Fuel Tank Filter.

(2). Empty the fuel tank into the suitable container by slowly tipping the generator toward the Fueltank Neck 1.

(3). Reinstall the Fuel Tank Filter and the Fuel Cap.

(4). Tighten clockwise the Fuel Cap securely.

10.3 DRAIN THE FUEL FROM THE CARBURETOR AGAIN



(1). Turn the Fuel Cap Vent Lever to “ON” position.

(2).Turn the Fuel Tap to the “ON” position.

(3). Put the Drain Hose 1 into a suitable container.

(4). Loosen the Drain Screw 3 counterclockwise.

(5). Drain the gasoline from the Carburetor 2 into the container through the Drain Hose 1.

(6). Tighten the Drain Screw 3 clockwise securely.

(7). Reinstall the Drain Hose 1 into the hole at the bottom casing.

(8). Reinstall the Maintenance Cover 4.

(9). Turn the Fuel Tap to the “OFF” position.

(10). Turn the Fuel Cap Vent Lever to “OFF” position.

⚠ WARNING

- **Gasoline is highly flammable and explosive.**
- **Keep heat, sparks, and flame away.**
- **Handle fuel only outdoors.**
- **Wipe up spills immediately.**

10.4 ENGINE

(1). While engine is still warm, drain oil from crankcase. Refill with the recommended new oil.

(2). Remove spark plug and pour about 15ml (1/2 ounce) of engine oil into the cylinder through spark plug hole on the engine cylinder head, and cover spark plug hole with rag. Pull the starting rope several times to coat the cylinder walls with engine oil.

(3). Install and tighten the spark plug.

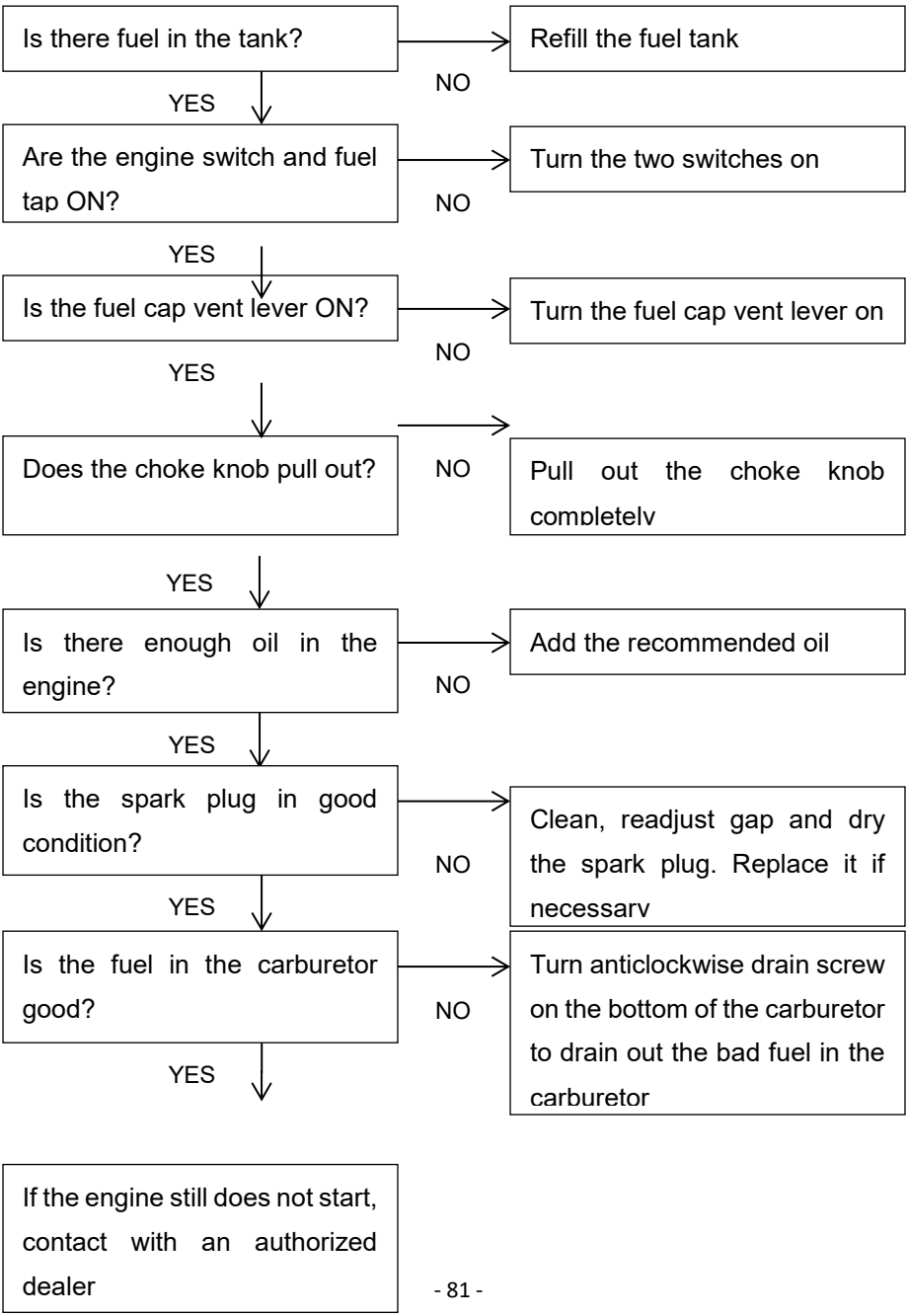
(4). Pull the Starter Grip until you feel compression, then stop pulling. (This prevents the cylinder and valves from rusting)

(5). Clean the generator outer surfaces. Check that cooling air slots and openings on generator are open and unobstructed.

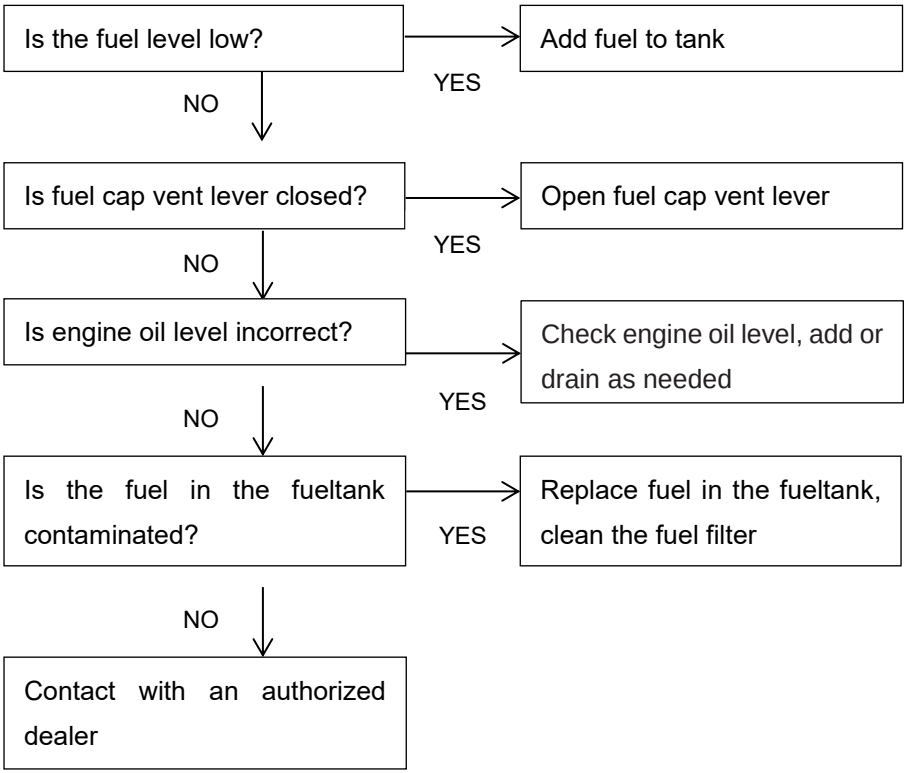
(6). Store the unit in a clean, dry place. If possible, store the unit indoors and cover it to give protection from dust and dirt.

11. TROUBLE SHOOTING

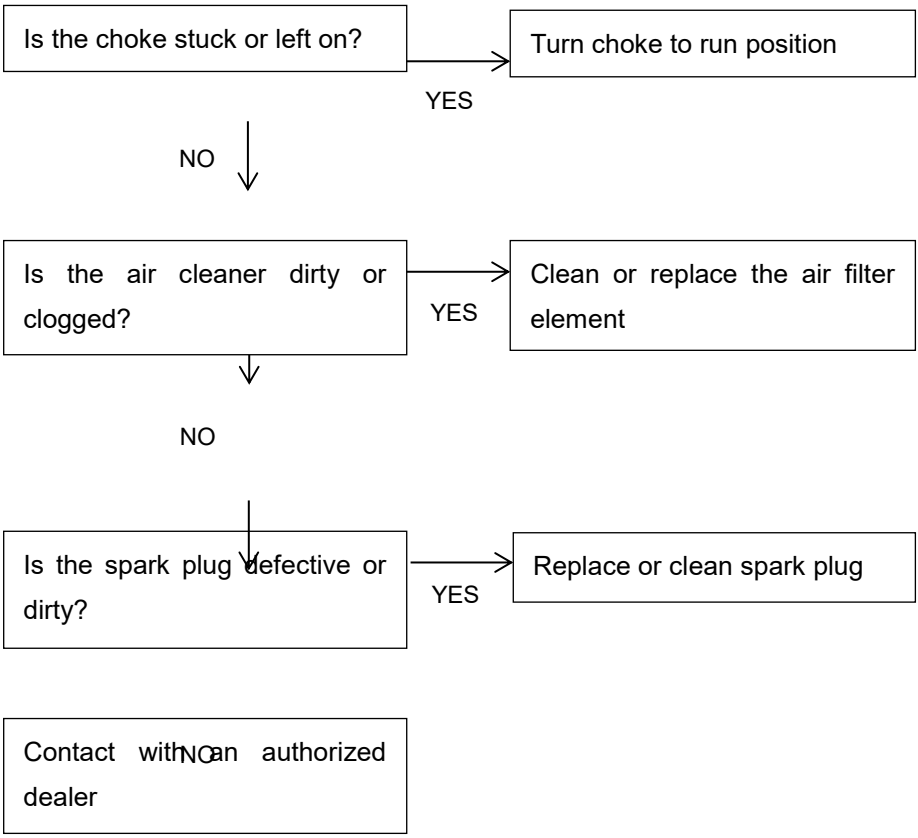
When the engine cannot be started:


Is there fuel in the tank?
NO
Refill the fuel tank
YES
Are the engine switch and fuel tap ON?
NO
Turn the two switches on
YES
Is the fuel cap vent lever ON?
NO
Turn the fuel cap vent lever on
YES
Does the choke knob pull out?
NO
Pull out the choke knob completely
YES
Is there enough oil in the engine?
NO
Add the recommended oil
YES
Is the spark plug in good condition?
NO
Clean, readjust gap and dry the spark plug. Replace it if necessary
YES
Is the fuel in the carburetor good?
NO
Turn anticlockwise drain screw on the bottom of the carburetor to drain out the bad fuel in the carburetor
YES
If the engine still does not start, contact with an authorized dealer

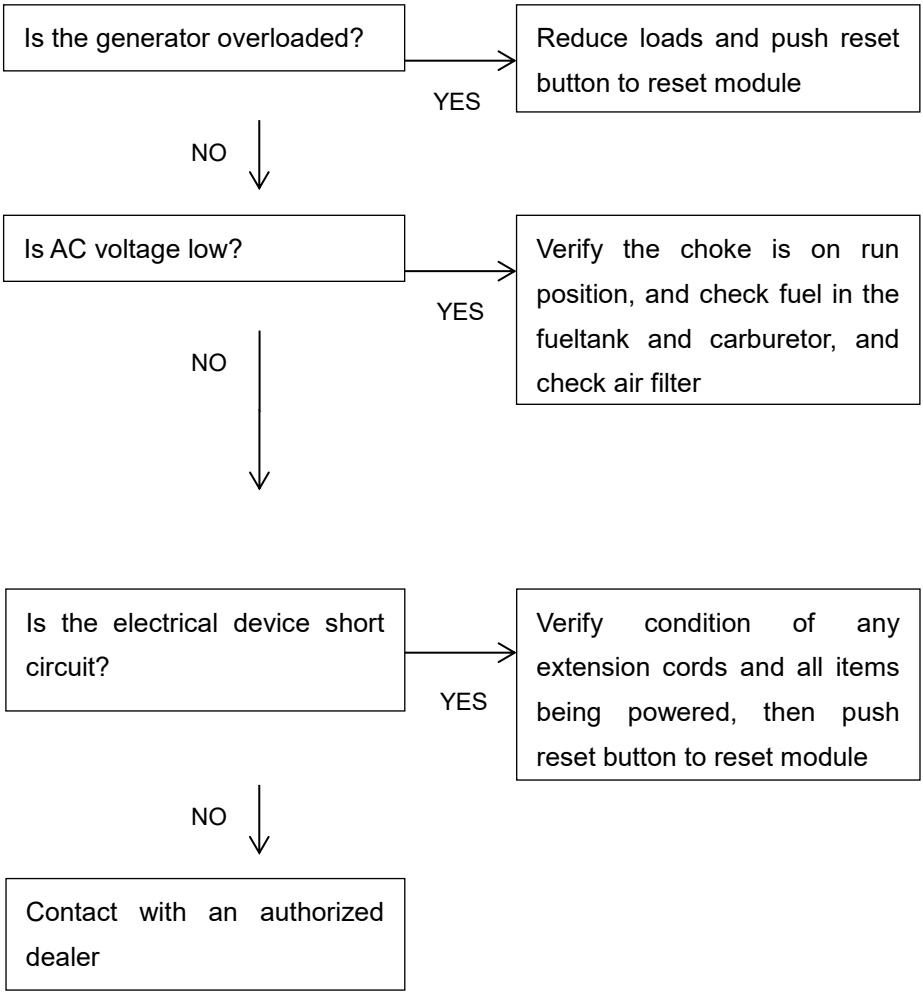
Engine starts, then shuts down:



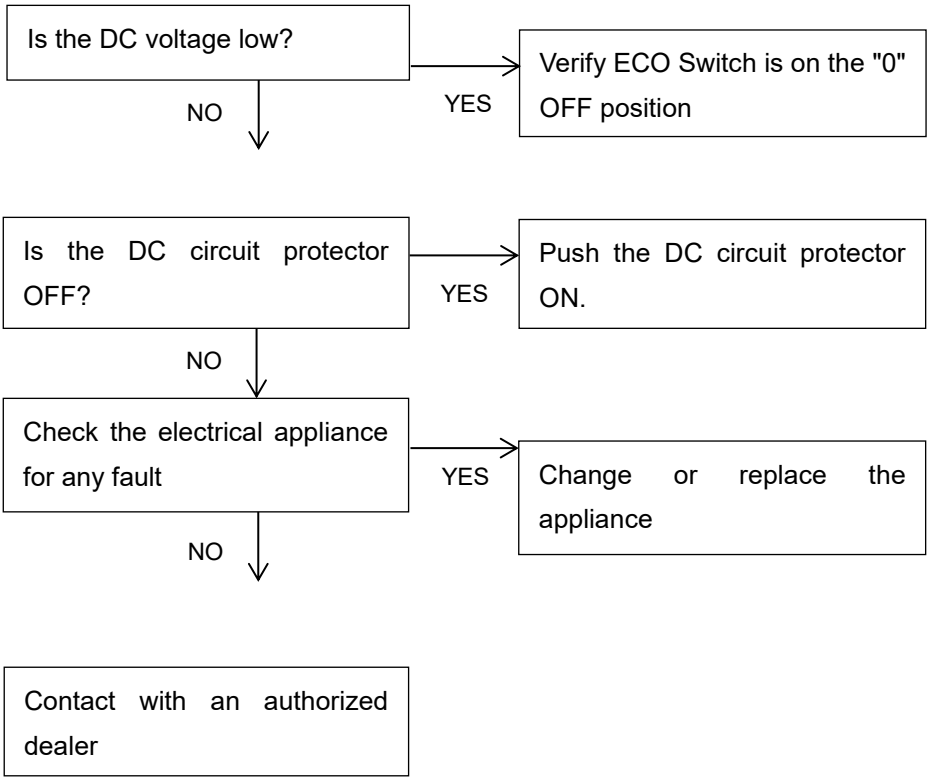
Engine starts, then runs rough:



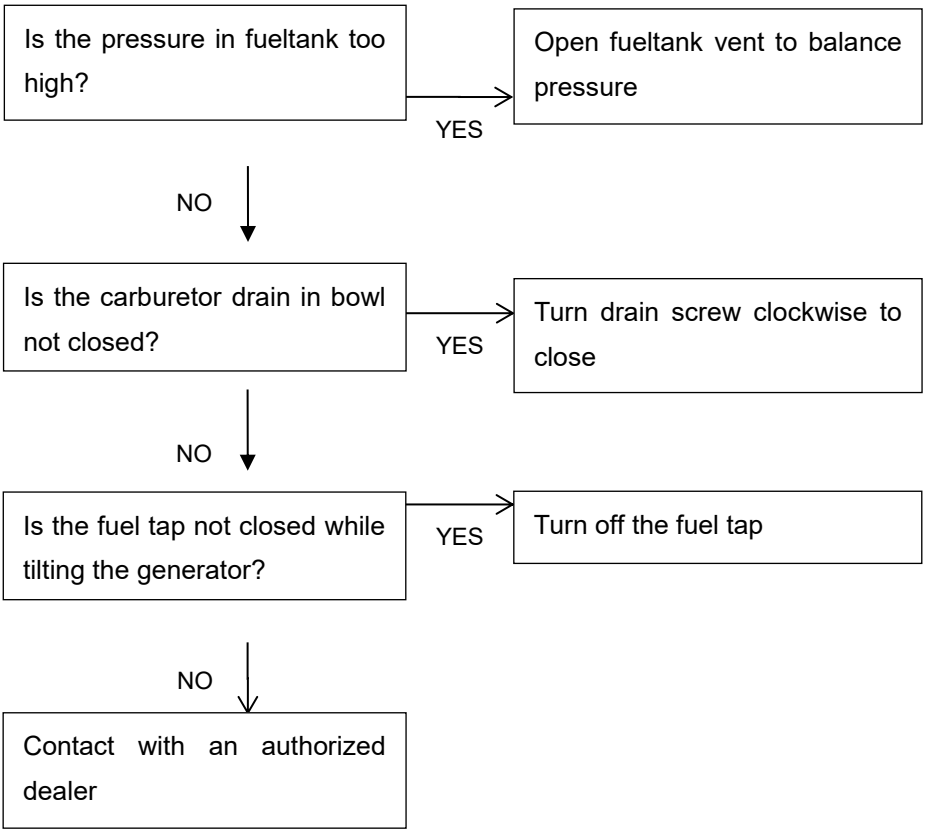
No AC output:


Is the generator overloaded?
YES
Reduce loads and push reset button to reset module
NO
Is AC voltage low?
YES
Verify the choke is on run position, and check fuel in the fueltank and carburetor, and check air filter
NO
Is the electrical device short circuit?
YES
Verify condition of any extension cords and all items being powered, then push reset button to reset module
NO
Contact with an authorized dealer

No DC output


Is the DC voltage low?
YES
Verify ECO Switch is on the "0" OFF position
NO
Is the DC circuit protector OFF?
YES
Push the DC circuit protector ON.
NO
Check the electrical appliance for any fault
YES
Change or replace the appliance
NO
Contact with an authorized dealer

Fuel leaks from drain hoses.



12. SPECIFICATIONS

EZG2001I SPECIFICATIONS

DIMENSIONS AND WEIGHT

Overall Length	530mm (20.9 in)
Overall Width	320mm (12.6 in)
Overall Height	430mm (16.9 in)
Dry Weight	24kg (52.9 lbs)

ENGINE

Type	4-stroke gasoline OHV
Cooling System	Forced air
Cylinder Arrangement	Inclined, single cylinder
Displacement	79cm^3
Bore×Stroke	48.6mm×43.0mm (1.91 in×1.69 in)
Operation Hours	3.5Hr@rated load
	8Hr@1/4 rated load
Fuel	Unleaded gasoline
Fuel Tank Capacity	4.2L (1.11 US gal)

Engine Oil Capacity		0.35L (0.37 US qt)
Ignition System		CDI
Starting System		Recoil / Electric starter
Spark Plug	Type	A5RTC (TORCH)
	Gap	0.6~0.7mm (0.024~0.028in)
Noise Power Level(L_{WA}) @ From 4m by CE standards		sound pressure level L_{pA}=70.25dB(A) sound power level L_{WA}=90.25dB(A) K=1.56dB(A) Guarantee sound power level: 92dB(A)

GENERATOR

AC Output	Output Waveform	Pure-Sine Wave, THD <3%
	Rated Voltage	230V~
	Rated Frequency	50Hz
	Rated Current	7.8A
	Rated Output	COP 1.8kW
	Maximum Output	2.1kW
	Safety Device Type	Electronic
DC	Rated Voltage	12V

Output	Rated Current	8A
	USB	5V/2A/1A
	Safety Device Type	DC Protector
	Degree of protection:	IP23M
	Max temperature:	40 degrees
	Performance class:	G1
	Quality class:	A
	Rated power factor:	1,0
	Max altitude:	1000m

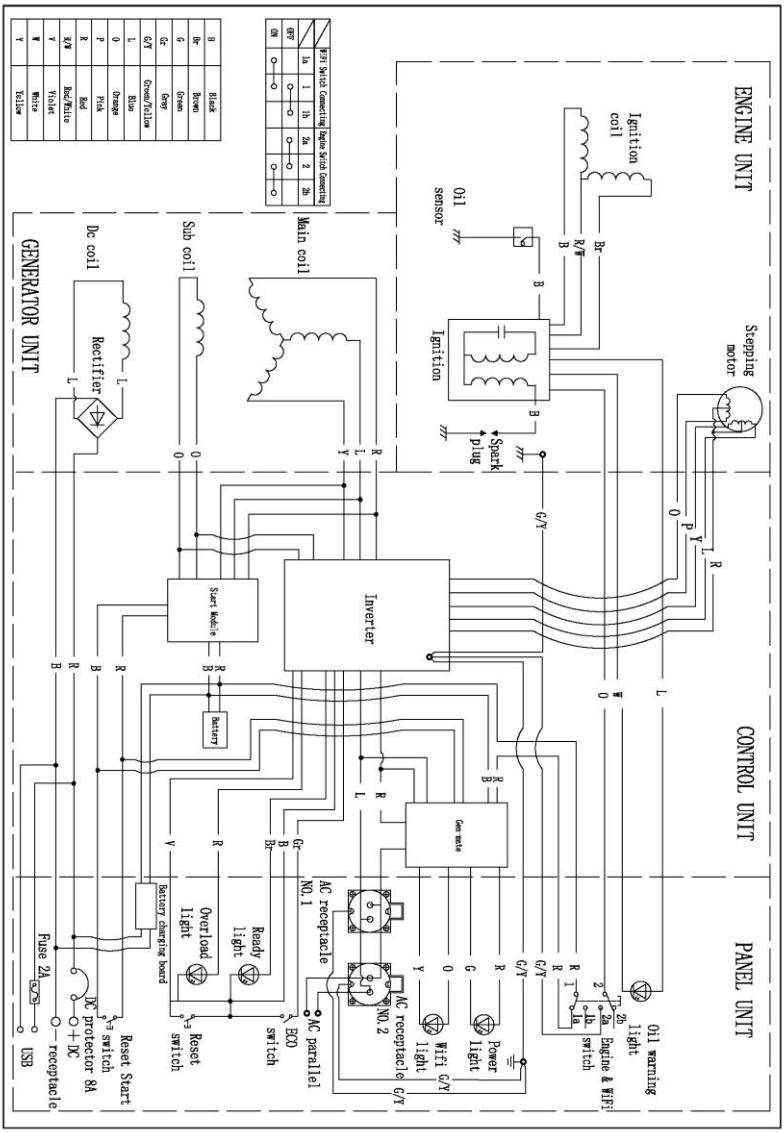
NOTE

(1). EZG2001IE with recoil starter & electric starter.

(2). The generator output specifications are based on the standard environment as follows:

- **Ambient temperature: 25℃**
- **Relative humidity: 30%**

13. WIRING DIAGRAM



EZG2001

14. ENVIRONMENT CORRECTION

The rated power output is based on the standard condition as follows:

- Ambient temperature: 25℃
- Relative humidity: 30%

Factor of environment correction C:

Altitude(m)	Ambient temperature℃				
	25	30	35	40	45
0	1	0.98	0.96	0.93	0.90
500	0.93	0.91	0.89	0.87	0.84
1000	0.87	0.85	0.82	0.80	0.78
2000	0.75	0.73	0.71	0.69	0.66
3000	0.64	0.62	0.60	0.58	0.56
4000	0.52	0.52	0.50	0.48	0.46

NOTE:

Relative humidity 60% correction factor C-0.01;

Relative humidity 80% correction factor C-0.02;

Relative humidity 90% correction factor C-0.03;

Relative humidity 100% correction factor C-0.04;

Example: Generator rated power P_N =1.8kVA, Altitude:1000m, Ambient temperature: 35℃, Relative humidity: 80%,

Actual power P:

$P=P_N*(C-0.02)=1.8*(0.82-0.02)=1.44kVA$

WARRANTY

The manufacturer warrants the product against defects in materials and workmanship for a period of 2 years from the date of purchase to the original purchaser. The guarantee applies when the product is used as a home tool. The warranty does not extend for failures due to normal wear and tear.

The manufacturer agrees to replace the spare parts that are classified as defective by a designated distributor. The manufacturer will not accept responsibility for the replacement of the machine, either partially or in full, and / or consequential damages.

The warranty does not cover failures due to:

• Insufficient maintenance.

• Assembly, adjustment or abnormal operation of the product.

• Spare parts that are subject to wear.

Nor does the guarantee extend to:

• Cost of freight and packaging.

• The use of the tool for any other purpose than for which it was designed

• Use and maintenance of the machine in a manner not described in the user's manual.

As part of our policy of continuous product improvement, we reserve the right to alter or modify specifications without prior notice.

As a result, the product may differ from the information contained herein, but any alteration will only be implemented without prior notice if it is classified as an improvement of the previous specification.

READ THE MANUAL CAREFULLY BEFORE USING THE MACHINE.

When ordering spare parts, please quote the part number or code, this can be found in the parts list included in this manual.

Keep the purchase receipt; Without it, no guarantee will be valid.

In order to get help about your Generator, we invite you to go through this link or to call us by phone +33 (0) 8 20 20 22 68:

https://services.swap-europe.com/contact

You need to create a "ticket" via their platform.

- Login or create your account
- Put your tool reference
- Choose the subject of your request
- Explain your problem
- Attach these files: the invoice or receipt, the nameplate picture (serial number), the picture of the part you need (For example: pins on the transformer plug that broke away)

We offer you a warranty extension to 1 year. To profit it, please follow the below proceeding:

- Connect on the website:
- Insert your contact details
- Register your tool with:
    - The reference
    - The serial number
    - The date you bought the tool
- Generate automatically the PDF warranty certificate and print it.

CE DECLARATION

BUILDER SAS

ZI, 32 RUE ARISTIDE BERGES – 312070 CUGNAUX – FRANCE

Declares that the machinery designated below:

Inverter Generating set

Model: EZG2001i

Serial number:

Complies with the provisions of the Directive “machinery” 2006/42/EC and national laws transposing it:

Also complies with the following European directives:

EMC Directive 2014/30/EU

ROHS Directive 2011/65/EU

Directive 97/68/EC and 2012/46/EU

Noise directive 2000/14/EC Annex VI + 2005/88/EC

Also complies with European standards, with national standards:

EN ISO 8528-13:2016 EN 55012:2007/A1:2009 EN 61000-6-1:2007

Notified Body: Intertek Testing & Certification Ltd. (Notified Body 0359)

Davy Avenue, Know hill, Milton Keynes, MK5 8NLT

Measured sound power level, LwA: 90,25 dB, K = 1,56 dB (A)

Guaranteed Sound power level: 92 dB (A)

Responsible for the technical file: Michel Krebs

Cugnaux, 15/02/2019

Philippe MARIE / PDG