

Startup operation steps

A. Electric mode

Step 1: Pull down ② power switch

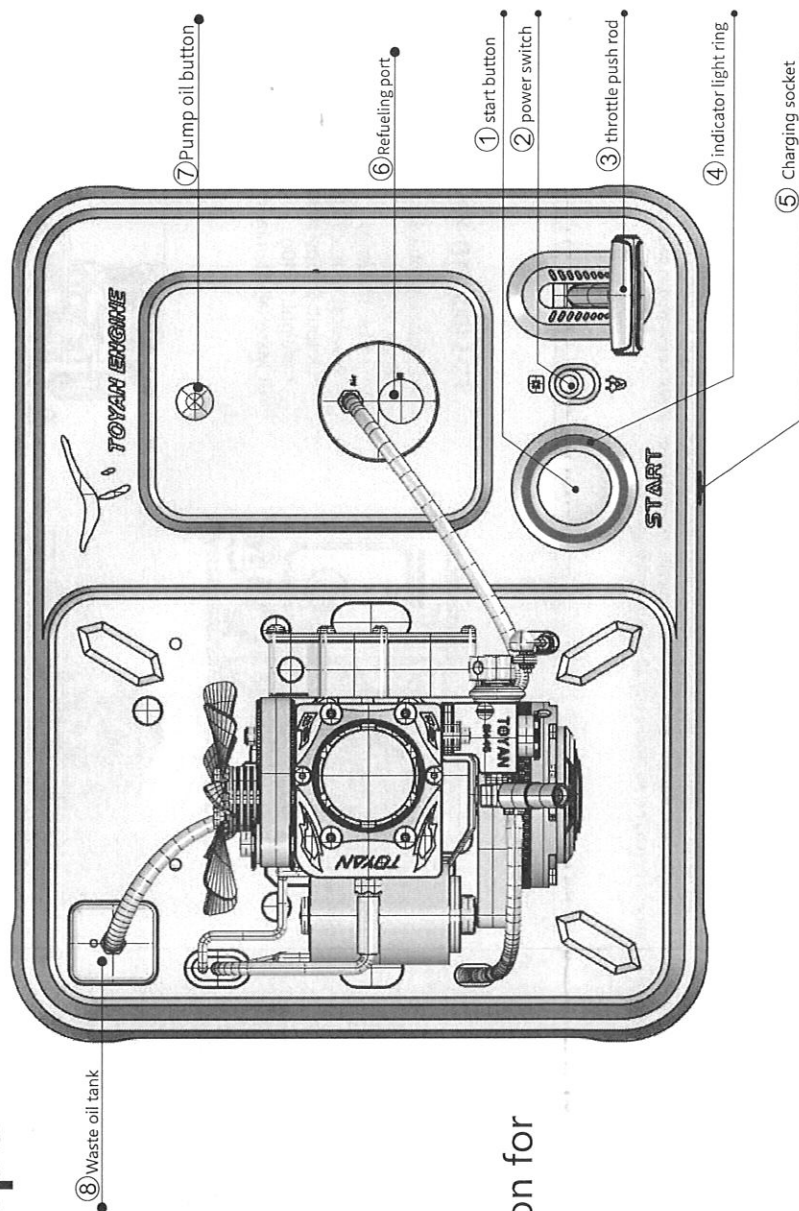
Step 2: Long press the start button ① to start the engine

B. Oil powered mode

Step 1: Pull down ② power switch

Step 2: Press and hold the ① start button for two seconds to start the engine

Step 3: Push the ③ throttle push rod to control the engine speed



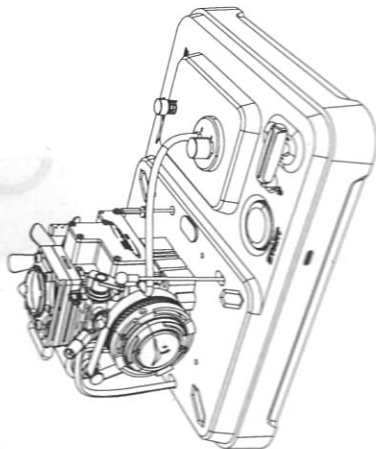
Indicator light ring status



Power charging: Blue light on
Power fully charged: Light off



Power on: Red light on continuously



關於您的引擎

請記住，您的引擎不是一個“玩具”，而是一個高效率的內燃機，其輸出的功率，可能會對您造成傷害，或者其他影響，請勿擅自改造或拆卸，作為專業使用者，請您認真負責的使引擎安全運行，時刻謹慎小心。

如果在將來的某個日子，您的引擎被另一個愛好者收購，我們會恭敬的請您將此份操作手冊，也轉交給它新的東家。

■ 以下建議基本適用於所有生產的引擎，如果產生錯誤操作，或忽略安全可能，會引起引擎損壞或危險。

警告：這些事件可能涉及嚴重（極端情況，甚至導致致命）的傷害發生。

● 引擎燃料有毒，請不要讓它接觸眼睛或嘴巴，始終將其存放在有明顯標記的容器中，並放在兒童接觸不到的地方。

● 引擎燃料高度易燃，請遠離明火，過熱或任何可能引燃來源的地方，不要吸煙，也不要讓任何人在附近吸煙。

● 請勿在封閉的空間內發動引擎，模型引擎運行過程中與汽車引擎一樣會產生致命的一氧化碳，只有在空曠的地方運行您的引擎，才能保護您的安全。

● 模型引擎運行時將產生相當大的熱量，發動機剛停機後，請勿觸摸發動機的任何部件，特別是排氣管或氣缸蓋，不當接觸可能會導致嚴重燙傷。

● 由於是四衝程引擎，我們要求只可使用含有20%-25%硝基甲烷的燃料。

SAFETY INSTRUCTIONS AND WARNINGS

Remember that your engine is not a "toy", but a high-efficiency internal combustion engine, the output power may cause you harm, or other effects, do not change or disassemble As a professional user, please make sure the engine runs safely and carefully.

If at some future date, your Toyan engine is acquired by another person, we would respectfully request that these instructions are also passed on to its new owner.

■ The advice which follows for all production engines, incorrect operation or ignore safety can lead to engine damage or danger

Warning: These cover events which might involve serious (in extreme circumstances, even fatal) injury.

● Model engine fuel is poisonous. Do not allow it to come into contact with the eyes or mouth. Always store it in a clearly marked container and out of the reach of children.

● Model engine fuel is also highly flammable. Keep it away from an open flame, excessive heat, sources of sparks, or anything else which might ignite it. Do not smoke or allow anyone else to smoke, nearby to it.

● Never operate your engine in an enclosed space. Model engines, like automobile engines, exhaust deadly carbon-monoxide. Run your engine only in an open area.

● Model engines generate considerable heat. Do not touch any part of your engine until it has cooled. Contact with the muffler/cylinder head or exhaust header pipe, in particular, may result in a serious burn.

● Since it is a four-stroke engine, in order to ensure the normal operation of the engine, we require only 20-25% nitromethane fuel.

TOYAN 拓陽精密科技

感謝您選購我們的產品，FS-S100AT1D-XP是一套非常精密的四衝程模型引擎，在組裝、操作您的引擎之前，請先閱讀本手冊并將手冊二條碼查看安裝步驟及其他詳細內容，嚴格遵守全部內容，以便熟悉引擎的控制和其他功能。另外，請將這份手冊保存存在一個安全的地方，以便您在必要時隨時查閱。

(注：若說明書二條碼失效，可進入/http://www.toyanengine.com的搜索引擎中搜索FS-S100AT1D-XP即可找到)

Thank you for choosing our products. FS-S100AT1D-XP is an accessory kit with a precision single-cylinder four-stroke model engine. Before assembling and operating the engine, please read this manual and scan the QR code below to view the installation steps and other details. In addition, please keep this manual properly so that you can refer to it when necessary. (Note: If the QR code of the manual is invalid, you can search for FS-S100AT1D-XP in the search engine of http://www.toyanengine.com to find it)



說明書下載

Download operating manual

(http://www.toyanengine.com)



拓陽精密

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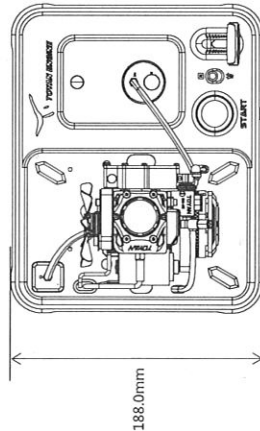
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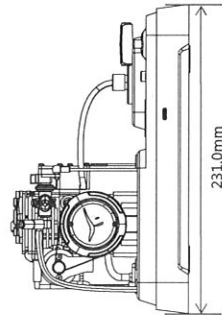
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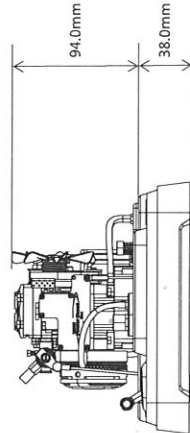
三視圖 Three views



188.0mm



231.0mm



94.0mm

38.0mm

FS-S100AT1D-XP parameters

- Displacement: 3.5cc
- Bore: 16.60mm
- Stroke: 17.00mm
- Practical rpm: 2500-10500 rpm
- Output: 0.35ps(30%Nitro)
- Weight: 1340g
- Material: Aluminum alloy