



# Yanmar YDG3700 Generator with RsEK

Item #19-0401002

## Versatile Power

The Yanmar 3700 with Remote-start Enabling Kit (YDG3700 with RsEK) is nearly identically with the YDG5500. It is an ideal generator for use in portable, hybrid power systems. Providing reliable power in a variety of austere environments, this generator allows for effortless, automatic integration with a connected battery bank. As this generator only delivers power in the 3.3-3.7 kVA range, it improves on the YDG5500 by having an even more pragmatic and lightweight design. Producing a lower power range with the same fuel capacity also allows increased endurance with less refuel.

## Efficient and Reliable Operation

The YDG Series Generators are sturdy, air-cooled generators that have gained a reputation of being reliable and remarkably easy to use. Solar Stik's pioneer Remote Start Enabling Kit (RsEK) enables generators and the applications they support to operate at the highest level of efficiency possible. Instead of running at a low fuel efficiency, consuming fuel even when there is little or no load, the RsEK allows a generator to maximize fuel utilization by running at full capacity as it charges a connected battery bank. This crucial aspect of hybrid power design allows the user to utilize the full amount of energy present for independent support of the load.

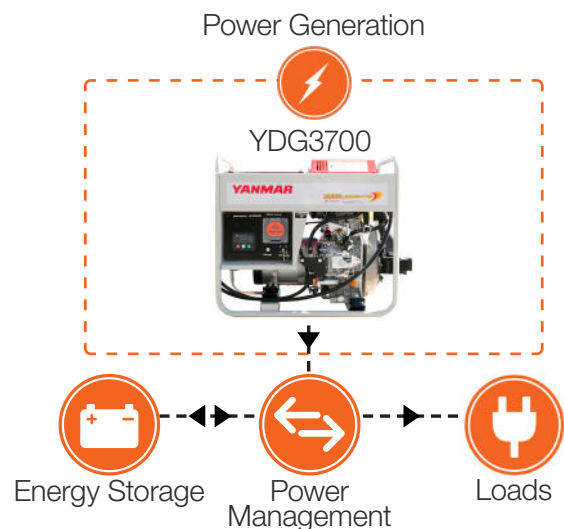
## Safety

The YDG3700 is equipped with audible alarms for both internal warning circuits (such as low oil) and the remote-start function, protecting both the operator and the generator from unsafe conditions.



## Features

- 3.7 kWh @3600 rated RPM
- Remote Start Capable
- Quiet 82 db(A) @ 7m
- Lightweight, Portable Design
- JP8 Compatible
- Noise-Reducing Support System





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## General

AC Power Generation	AC output~ Max: 3.7 kW @3600 RPM; Continuous output 3.5 kW
DC Power Generation	DC output~ Max: 12 V/8.3 A/100 W
Type	Revolving Fields Type, 2 Pole, Single Phase
AC Operating Voltage	120/240 VAC, 60 Hz
Rated Current	29.2 A/14.6 A
Rotation Speed	3600 RPM
User Interface	Yanmar Generator Control Panel, Remote Start Feature, PRO-Verter
Max Operating Incline	10 degrees

## Connections

Output(s)	<ul style="list-style-type: none"><li>• (1) 120/240 VAC with Twist Lock Receptacle</li><li>• (1) 120 VAC with GFCI</li><li>• (1) 120 VAC with Twist Lock Receptacle</li><li>• (1) 12 VDC</li></ul>
Input(s)/Output(s)	<ul style="list-style-type: none"><li>• (1) Gen Comm</li></ul>

## Safety

Breaker(s)	<ul style="list-style-type: none"><li>• GFCI Protection</li><li>• DC Circuit Breaker 12 Amp Thermal Switch</li><li>• Generator Main Switch Circuit Breaker</li></ul>
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## Fuel

Capacity	Diesel, JP8 / 3.43 gal. (13 L)
Consumption Rate	0.43gal./h (1.6 L/h)

## Weights and Dimensions (L x W x H)

Dry Weight	181 lb (82 kg)
Dimensions	25.60 x 19.50 x 20.90 in (65.0 x 49.6 x 53.0 cm)

