



14 KW / 14 KVA POWERED by **YANMAR**

MODEL TP-YR15-iT4F-60-1Ph

Triton Power is a world leader in the design, manufacture of stationary, mobile and rental generator sets and Power Modules from 10 to 2000 kW. Through our commitment to quality we manufacture with only the highest quality components from companies like Cummins, John Deere, Perkins, Marathon, and Deep Sea. All of this plus our worldwide warranty, customer service professionals, is why Triton is the



THE POWER OF QUALITY

Available Voltage 1 Phase Power Factor 1.0 120/240	Standby	kVA	14
		kW	14
	Prime	kVA	14
		kW	14

Standby : Continuous running at variable load for duration of an emergency. No overload is permitted on these ratings. In accordance with ISO 3046 .
Prime : Continuous running at variable load for unlimited periods with 10% overload available for 1 hour in any 12 hour period. In accordance with ISO 8528, ISO 3046.

- High quality, reliable and complete power unit
- Compact design
- Easy start and maintenance
- Every generator set is subject to a comprehensive test program which includes full load testing and checking and providing of all control and safety shut down functions testing
- Full engineered with a wide range of options and accessories:
 - Sound Attenuated Enclosure
 - Trailer with fuel tank
 - UL Listed Fuel Tank
 - Permanent Magnet Generator
 - Electronic Governor



Manufacturer reserves the right to make changes in model, technical specifications, color, equipment and accessories without prior notice.
 All photos are representative and may not reflect exact model



ENGINE INFORMATION

ENGINE MAKE		Yanmar
Model		3TNV88-GGE
Tier Rating		Interim Tier 4 Flex
Engine Speed	RPM	1800
Engine Power Output at rated rpm	kWm	16.9
	HP	23
Cooling		Radiator Cooled
Aspiration		Natural
Total Displacement	Liter	1.6
No. of Cylinders and Build		3-Inline
Bore and Stroke	mm x mm	88 x 90
Compression Ratio		19:1
Governor		Mechanical
Fuel Consumption(L/hr)	Full Load	4.3
	75% Load	3.2
	50% Load	2.2
Fuel Tank Capacity (approx)	Gal	52.8
Oil Capacity	L	6.9
Coolant Capacity	L	2
Radiator Cooling Air	m³/min	1.077

<p>Compact, Efficient Power</p> <ul style="list-style-type: none"> • This series is the result of an intensive period of customer research that has guided the development of the range. <p>Quality by Design</p> <ul style="list-style-type: none"> • Product design and Class A manufacturing improvements enhance product reliability while maintaining legendary reputation for durability. 	<p>Cost Effective Power</p> <ul style="list-style-type: none"> • Compact size and low noise. • Lower fuel consumption and oil use. • 500 hour service intervals. • 1 year warranty. <p>Product Support</p> <ul style="list-style-type: none"> • TIPSS - The Integrated Parts and Support System enables customers to specify and order parts electronically as well as service engines with on-line guides and service tools.
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CONTROLLER INFORMATION

Model RENTAL

Manual engine controller with speed sensing via generator AC Freq. Features two position key switch, push button pre-heat and engine start.

MAIN FEATURES:



Instrumentation

- Voltmeter and Ammeter
- Combined frequency and tachometer
- Hours run counter
- Voltmeter phase selector switch
- Ammeter phase selector switch

SHUTDOWNS

- Low Oil Press.
- High Eng. Temperature
- Low Fuel Level
- Over/Under Speed
- Batt Charge Fail

PROTECTIONS WITH ALARM

- Low Oil Press.
- High Eng. Temperature
- Low Fuel Level
- Over/Under Speed
- Batt Charge Fail

Other

- System has digital engine monitoring/controls with analog gauges

Receptacles:

- Main Lugs
- 1-50A TL
- 1-30A NEMA L14-30R
- 2-20A GFCI

GENSET PROTECTIONS

Analog:

- Voltage
- Frequency
- Amps
- Run Hours
- Oil Pressure
- Fuel %
- Eng. Temp.

BENEFITS

- Less wiring and components
- Less engineering and programming
- Remote monitoring helps reduce call-out costs of service engineers

Specification

- Protected by fused DC supply from starting battery
- Printed circuit board assemblies
- Multi-pin plug and socket connections for ease in servicing
- Switches and pushbuttons are heavy duty industrial type
- Internal AC and DC panel wiring harnesses preformed for uniform routing and enhanced interconnect reliability
- Thoroughly tested during manufacture and final test of generating set

OPTIONS AVAILABLE

- THIS MODEL TRAILER
- 5000LB, SINGLE AXLE
- COOLANT PREHEAT
- WRAP BATTERY 120V 80W
- TRAILER MOUNTED SPARE TIRE



ALTERNATOR INFORMATION

Manufacturer	Mecc Alte
Design	Brushless single bearing, revolving field
Stator	2/3 pitch
Rotor	Single bearing, flexible disc
Insulation System	Class H
Standard Temperature Rise	125 -163°C Continuous
Exciter Type	Self Excited
Phase Rotation	A (U), B (V), C (W)
Alternator Cooling	Direct drive centrifugal blower fan
AC Waveform Total Harmonic Distortion	No load < 1.5%. Non distorting balanced linear load < 5%
Telephone Influence Factor (TIF)	<50 per NEMA MG1-22.43
Telephone Harmonic Factor (THF)	<2%

STANDARD ITEMS

- Sound Attenuated Enclosure with Critical Silencer (65 db at 7 meters)
- Mainline Circuit Breaker
- Generator Set mounted on Heavy Duty Steel Base Frame
- Anti-Vibration Pads between Engine/Alternator and Frame
- 8 to 10 Hour Base Fuel Tank (up to 600 kW)
- Forklift Pockets within Base Frame (up to 400 kW)
- Battery Charging Alternator

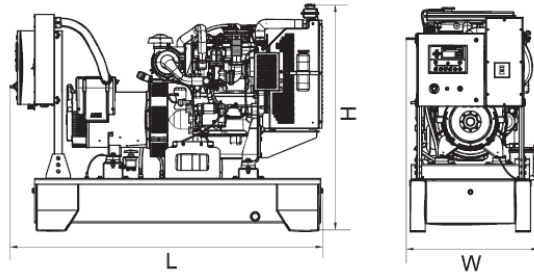
OPTIONAL ITEMS

ENGINE OPTIONS	<ul style="list-style-type: none"> • Engine Block Heater • Racor Fuel Water Separator • Oil Heater
ALTERNATOR OPTIONS	<ul style="list-style-type: none"> • Permanent Magnet Generator • Anti-Condensation Heater • Oversized Alternator (Motor Starting)
OTHER OPTIONS	<ul style="list-style-type: none"> • Trailer (with or without fuel tank) • UL-142 Base Mounted Fuel Tank • Residential or Critical Grade Silencer

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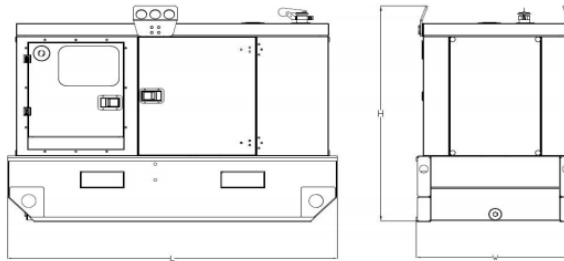


WEIGHT AND DIMENSIONS



SKID MOUNTED GENERATOR

DIMENSIONS (LxWxH)	Inches	Inquire
DRY WEIGHT	Lbs	Inquire



SOUND ATTENUATED GENERATOR

DIMENSIONS (LxWxH)	Inches	74.8 x 35.7 x 53.5
DRY WEIGHT	Lbs	1993

FEATURES AND BENEFITS OF ENCLOSURE:

- All enclosure parts are modular
- No welding to reduce corrosion
- Doors on both sides for easy maintenance
- All metal parts are powder coated
- Critical Exhaust Silencer Included
- Thermally insulated exhaust system
- Emergency stop located on exterior
- Easy Lifting and Moving



TRITON POWER CORP
 8511 NW 61 STREET MIAMI, FL USA
 305-592-6300 Fax: 305-592-5900 email:
info@tritonpower.com
www.gopower.com

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