

Standby Power



HS

STATIONARY | HSY & HSF STANDBY DIESEL SERIES

Preserve your power, quality of life, and business profits.
An affordable power solution for residential & commercial applications.



HIPOWER®
A YANMAR COMPANY

HS

STATIONARY | HSY & HSF



Exclusively FOR RESIDENTIAL & LIGHT COMMERCIAL APPLICATIONS.

Power Nodes Available: HSY-10, 15, 20, 25, 40, 50 & HSF-65

PRESERVE YOUR QUALITY OF LIFE AND/OR BUSINESS PROFITABILITY DURING A POWER OUTAGE.

When the power supply is disrupted, our lives and businesses can come to a sudden stop. Whether you are protecting your home or your business, an automatic standby generator protects you from power failures, restoring power within seconds of an outage, so you can have peace of mind and the power you need.

Preserve your power, quality of life, and business profits with our **HS-STATIONARY DIESEL STANDBY SERIES!**

SMALL & MIGHTY | Packing a lot of power into a smaller footprint.

Ranging from 8 kW up to 60 kW, the HS-STATIONARY series provides the user with the most dependable power, easy to operate controls and equipped with advanced technology that enables system monitoring 24/7, easy installation, maintenance, and service.

TOP QUALITY BRAND COMPONENTS & FIRST CLASS RELIABILITY.

The HS-STATIONARY series is powered by a radiator-cooled, industrial YANMAR or FPT Diesel engine, meeting current Environmental Protection Agency (EPA) TIER 3 & TIER 4 Interim exhaust emission regulations, driving a single bearing, four-pole, three-phase alternator, with IP23 protection. The Standby kW rating for our generator sets is given with a 125 °C alternator winding temperature rise. Generators are also available with UL/CSA certifications.



PROUDLY BUILT WITH
YANMAR ENGINES



QUALITY & WARRANTY
Made with Top Brand
Components &
HIPOWER Warranty



FUNCTIONALITY AND
EASY INSTALLATION



STATIONARY POWER
Designed for
Residential & Small
Businesses.



BEST VALUE FOR
YOUR MONEY



MODULARITY
100% Tailored to
stationary applications

APPLICATIONS

This series is adaptable and an affordable standby diesel generator designed for residential and light commercial power needs. It is ideal for:

- ◆ Larger Homes
- ◆ Gas Stations & Convenience Stores
- ◆ Financial Institutions
- ◆ Dental Offices
- ◆ Food Manufacturing & Distribution
- ◆ Manufacturing Industry
- ◆ Offices with Small Data Centers
- ◆ Restaurants & Bars
- ◆ And other small size businesses.



STANDARD FEATURES AND ADVANTAGES

- ▶ **SMART CONNECTIVITY** – C4Cloud* allows easy access to generator information, maintenance schedule and provides the ability to monitor current operating status from anywhere using your smartphone, tablet, or PC.
- ▶ **MANUFACTURED WITH TOP BRAND COMPONENTS**
 - YANMAR Engine: Long-life, heavy-duty. 4-Cycle, direct injection engine for economy of operation and maximum reliability and durability. Capable for full rated load acceptance in one step.
 - STAMFORD Alternators: Guaranteed unbeatable performance. Reliability and durability.
 - SIEMENS* & ABB Breakers.
- ▶ **HIGH QUALITY ALUMINUM CANOPY**
 - Designed with modular panels.
 - Anti-Corrosion Paint. Best in class & high resistance.
 - Superior Sound Attenuation
 - Residential Silencer
- ▶ **FUEL TANK**
 - 24 & 48 Hrs UL 142 Fuel tank options.
 - Metal - Anti-leak (Drip tray).*
 - Internal fuel tank filling; chassis with removable integrated fuel tank.*
- ▶ **TRANSPORTABILITY**
 - Forklift Pocket and Tank Raisers.*
- ▶ **VERSATILITY** - Quick connections.
- ▶ **REDUCED FOOTPRINT** - Better access for handling.
- ▶ **WIDE ACCESS DOOR TO CONTROL & BREAKER PANELS**
- ▶ **MAIN LINE CIRCUIT BREAKER** - For overload protection.
- ▶ **USER FRIENDLY CONTROLLERS (CEM7* & DSE)**
Easy and intuitive controllers, with expansion modules and remote communication.



ACCESSORIES | Standard & Configurable Options

- | | | | |
|----------------------------|---------------------------------|---------------------------------|-------------------------------|
| ■ Battery | ■ Block Heater (Standard) | ■ 24 Hrs UL142 Fuel Tank Option | ■ 8, 16, 24 Light Annunciator |
| ■ Battery Charger 6A & 10A | ■ Low Coolant Switch (Standard) | ■ 48 Hrs UL142 Fuel Tank Option | ■ Remote E-Stop |

HIPOWER SYSTEMS is proud of our innovative product design, top quality brand components, and first-class reliability. We stand behind our line with a strong 2 Years or 2,000 hours (whichever occurs first) parts & labor limited warranty.

*Puerto Rico & Canadian configurations. Photos may show configurations unavailable in the US.

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TECHNICAL DATA

YANMAR & FPT ENGINES

PERFORMANCE	Units	HSY 10	HSY 15	HSY 20	HSY 25	HSY 40	HSY 50	HSF 65
Rated Standby Power 3ø	kW	8.8	13.7	19.1	23.3	36.8	45.4	60
Rated Standby Power 3ø	kVA	11	17.1	23.8	29.1	46	56.7	75
Amp Capacity @208V	A	31	47.7	63.8	81.1	128.1	146.4	203
Amp Capacity @480V	A	13.2	20.7	27.6	35.1	55.4	68.3	88
Amp Capacity @600V	A	10.3	16.2	22.1	28	45.1	53.7	70
Max. Sound Pressure Level (LPA) @23' @100% Load	dB(A)	60	64	65	65	68	66	68
Ambient Temp Capacity	°F/ °C	122/50	122/50	131/55	131/55	122/50	122/50	110/43

ENGINE

Manufacturer		YANMAR	YANMAR	YANMAR	YANMAR	YANMAR	YANMAR	FPT
Model		3TNV76GGEH	3TNV88BGGEH	4TNV88BGGEH	4TNV84TBGGEHE	4TNV98ZGGEH	4TNV98TZGGEH	NEF45SM2X
EPA Certified		TIER 4 i	TIER 4 i	TIER 4 i	TIER 4 i	TIER 4 i	TIER 4 i	TIER 3
Nominal Power	HP	14.4	19.7	35.9	35.9	54.7	67.3	89.8

ALTERNATOR

Model		STAMFORD	STAMFORD	STAMFORD	STAMFORD	STAMFORD	STAMFORD	STAMFORD
Automatic Voltage Regulator (+/- 0.5%)		VITA01	VITA01	VITA01	VITA01	VITA01	VITA01	AS440
Insulation		Class H	Class H	Class H	Class H	Class H	Class H	Class H
Temperature Rise	°C	125/40	125/40	125/40	125/40	125/40	125/40	125/40

*For information about the dimensions and weight of a unit, please contact your HIPOWER Sales Rep.

