



System Description

Product Type HRIW 125 T4F
Application Group Rental

Power as per HiPOWER Data sheet

Power per genset (ISO 8528)	100	kWel
Engine Make	ISUZU	
Engine Type	4HK1X	
Engine Speed	1800	rpm
Frequency	60	Hz
Generator voltage	Rental	V
Phase	Rental	
Unit Specification	CSA	
Temp Rise	105	°C
Exhaust Emissions (EPA)	TIER 4 FINAL	
Radiator Design Temperature	50	°C

Alterra Power Systems

1835 Haynes Dr.
Sun Prairie, WI 53590
www.alterrapower.com

Codes and Standards Compliances used where applicable





1 SYSTEM CONFIGURATION

1.1 STARTING AIDS

6 Amps-12V MARINCO battery charger UL-Listed, model 28106

2 ENGINE CONFIGURATION

2.1 Engine Description

ISUZU 4HK1X, Long-life, heavy-duty, 4-cycle, direct injection engine. EPA Certification Tier Level 4 FINAL

3 GENERATOR END CONFIGURATION

3.1 Generator End Description

STAMFORD UCI 274 E, Brushless, PMG Excited, Four Pole Rotating Field, Class H Insulation (105 °C Temp. Rise), IP23. Single Bearing. 2/3 Pitch Winding. MX341 Automatic Voltage Regulator

3.2 GENERATOR END OPTIONS

3 Position Selector Switch (*480 3Ph/208 3Ph/240 1Ph*)

4 CONTROL PANEL CONFIGURATION

4.1 Cont. Panel Description

Digital controller with auto and manual start as well as parallel capability. with push button reset. LCD Display that offers AC metering, protective relaying and engine and generator control and monitoring. Engine and generator controls, diagnostics, and operating information are accessible via the control panel keypads

5 PAINTING

5.1 Painting Details

- Base skid is epoxy-polyester powder painted - Standard RAL9005 color
- Enclosure is epoxy-polyester powder painted - Standard RAL7035 color.
- Other colors available upon request.

6 ADDITIONAL OPTIONS CONFIGURATION

6.1 ADDITIONAL OPTIONS DESCRIPTION

Tandem axle - surge brakes



7 SERVICE AND AFTER SALES

7.1 Details

HIPOWER® is committed to offer a Superior Customer Service for an Outstanding Experience, from pre-sales, sales, and after sales support

8 MISCELLANEOUS

8.1 Details

One copy of Electrical Schematics, Control Panel manual, Warranty Statements, Engine manual, Generator end manual and Generator set manuals is provided with the unit

9 FUNCTIONAL TESTS

9.1 Tests

Standard acceptance testing performed under HIPOWER quality specification

10 SHIPPING CONDITIONS

10.1 Details

All units are shipped wet, with all the fluid included minus fuel supply (unless otherwise specified)



11 SALES TERMS AND CONDITIONS

11.1 Details

Standard Terms and Conditions apply. Read carefully attached HIPOWER® Terms and Conditions of Sale

12 WARRANTY

12.1 Details

Standard limited Warranty 2 Years/3500 Hours

