



# HRIW 70 T4F



## Alterra Power Systems

1835 Haynes Dr.  
Sun Prairie, WI 53590  
[www.alterrapower.com](http://www.alterrapower.com)

Codes and Standards Compliances used where applicable





**System Description**

Product Type HRIW 70 T4F  
Application Group Rental

**Power as per HiPOWER Data sheet**

Power per genset (ISO 8528)	56	kWel
Engine Make	ISUZU	
Engine Type	4JJ1X	
Engine Speed	1800	rpm
Frequency	60	Hz
Generator voltage	Rental	V
Noise, Enclosed	65 dBA @ 23 ft.	
Weight, Enclosed	3300 lbs	
Dimensions, Enclosed	110.0" X 42.6" X 68"	
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 4JJ1X, 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 F, 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)





## Submittal Documents for Model Selected

---

Item	Description
1	<a href="#">Genset Data Sheet</a>
1a	<a href="#">Engine Data Sheet</a>
1b	<a href="#">Alternator Data Sheet</a>
1c	<a href="#">Rotary Switch Details</a>
1d	<a href="#">Panel Specification</a>
1e	<a href="#">Circuit Breaker Details</a>
1f	<a href="#">EPA Certification</a>
1g	<a href="#">General Arrangement</a>
1h	<a href="#">Electrical Drawing</a>
1i	<a href="#">Enclosure Specification</a>
1j	<a href="#">Terms and Conditions</a>
1k	<a href="#">Warranty Details</a>
1l	<a href="#">Paint Specification</a>
1m	<a href="#">CSA Certification</a>
2	<a href="#">Battery Charger - Battery Charger Datasheet</a>

### Alterra Power Systems

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

Codes and Standards Compliances used where applicable

