



*We Speak DIESEL...since 1971*

**800-343-7351**

## **Loadstar AFB-025 Generator Set**

The AFB-025 diesel driven, oil & air cooled genset is powered by the new environmentally friendly Deutz F4L1011F engine. This modern West German engine series meets the most exacting E.P.A and I.S.O. environmental standards ie: low exhaust emissions and low noise. (critical muffler installed) The latest fuel system design provides excellent fuel economy, assuring minimum operating expense.

The state of the art, 4 pole, synchronous, brushless, self excited, electronically regulated generator is designed for continuous power application at both single and three phase voltages. (without de-rating output for single phase)

The engine and single bearing type brushless generator are direct coupled, (S.A.E. #4 housing) and then resilient mounted on a welded steel skid base with sound weather enclosure.



The newly designed A.C. & D.C. deluxe control panel is divided into two sections. Included is an A.C. 3 pole line circuit breaker (rated for output), A.C., Volt, Amp, Frequency, and Hour Meters, Automatic A.C. Start Module (should fully automatic operation be desired) with LED light board, indicating operation status.

D.C. engine gauges provide the user with the ability to monitor the engine status at all times. Key switch starting is also provided for 12 volt starting. An emergency "push to stop" mushroom switch is provided to meet safety standards.

These premium diesel generator sets are very well suited to both prime (continuous) and standby (intermittent) electrical power supply. Operation in either mode is without operational hour limitations. (service factor)

<b>POWER RATING</b>	
Continuous Duty (kW)	25
Standby Duty	27.5
Power Factor	0.8

<b>GENERATOR TYPE: FX 040</b>	
<b>Rated Output (kW)</b>	40
<b>Connection Type: 3 Phase, parallel start (V)</b>	240
<b>(both single or 3 Phase)</b>	Multi-voltage
<b>Number of Stator Leads</b>	12
<b>Frequency (Hz)</b>	60
<b>Running Speed (R.P.M.)</b>	1800
<b>Temp. rise / Ambient temp.</b>	125 / 40° C
<b>Insulation class (premium)</b>	H (180° C)
<b>Voltage regulator type Basler (critical)</b>	VR63-4UL
<b>DIESEL ENGINE</b>	
<b>Deutz Air / Oil Cooled</b>	F4L1011F
<b>Power Rating:</b>	
<b>ISO ICXN 10% overload (kW / R.P.M.)</b>	27.5 @ 1800
<b>ISO IFN, standard fuel stop power</b>	25 @ 1800
<b>Bore / Stroke (mm)</b>	91 / 105
<b>Displacement (L)</b>	2.73 L
<b>Fuel consumption, 50% load (L / HR.)</b>	4.00 L (3.63 qts)
<b>Starting System, electrical (kW / Volts)</b>	2.2 kW / 12 Volts
<b>Fuel Tank Capacity (L)</b>	60
<b>A.C. CONTROL PANEL</b>	
<b>Generator circuit breaker</b>	3 pole, 500 V, 80 A
<b>Automatic start module</b>	Deep Sea Electronics model DSE 501k
<b>Meter</b>	Running Hour, Volt, Frequency, Ameter
<b>D.C. CONTROL PANEL</b>	
<b>Start / Stop Key Switch</b>	Low Oil Pressure Alarm Light
<b>High Water Temp Alarm Light</b>	Charge System - 12 Volt Failure Alarm
<b>Automatic Shutdown on All Alarms</b>	Emergency Push to Stop Shutdown Switch
<b>ENCLOSURE</b>	
<b>Zinc treated frame &amp; enclosure before painting</b>	
<b>Severe Service Industrial Paint Coatings</b>	
<b>DIMENSIONS</b>	
<b>L x W x H (inches)</b>	66" x 33" x 43"
<b>Weight</b>	1630 lbs.

**Call or write us today for more information!**

**Contact us at:**

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**Manufacturers of Quality Diesel Equipment**

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