



We Speak DIESEL...since 1971

800-343-7351

Loadstar AFB-020 Generator Set

The AFB-020 diesel driven, oil & air cooled genset is powered by the new environmentally friendly Deutz F3L1011F 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 derating 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)

POWER RATING	
Continuous Duty (kW)	18
Standby Duty	20
Power Factor	0.8
GENERATOR TYPE: FX 030	
Rated Output (kW)	30
Connection Type: 3 Phase, parallel start (V)	240
(both single or 3 Phase)	Multi-voltage
Number of Stator Leads	12
Frequency (Hz)	60
Running Speed (R.P.M.)	1800

Temp. rise / Ambient temp.	125 / 40° C
Insulation class (premium)	H (180° C)
Voltage regulator type Basler (critical)	VR63-4UL
DIESEL ENGINE	
Deutz Air / Oil Cooled	F3L1011F
Power Rating:	
ISO ICXN 10% overload (kW / R.P.M.)	20 @ 1800
ISO IFN, standard fuel stop power	23 @ 1800
Bore / Stroke (mm)	91 / 105
Displacement (L)	2.05 L
Fuel consumption, 50% load (L / HR.)	3.1 L (2.81 qts)
Starting System, electrical (kW / Volts)	2.2 kW / 12 Volt
Fuel Tank Capacity (L)	60
A.C. CONTROL PANEL	
Generator circuit breaker	3 pole, 500 V, 80 A
Automatic start module	Deep Sea Electronics model DSE 520
Meter	Running Hour, Volt, Frequency, Ameter
D.C. CONTROL PANEL	
Start / Stop Key Switch	Low Oil Pressure Alarm Light
High Water Temp Alarm Light	Charge System - 12 Volt Failure Alarm
Automatic Shutdown on All Alarms	Emergency Push to Stop Shutdown Switch
ENCLOSURE	
Sound Proofing Canopy, 80 DB / 1m	
Zinc treated frame & enclosure before painting	
Severe Service Industrial Paint Coatings	
Dimensions	
L x W x H (inches)	66" x 33" x 43"
Weight	1430 lbs.

Call or write us today for more information!

**Contact us at:
Diesel America West
Post Office Box 968
Friday Harbor, WA 98250**

800-DIESEL-1 • 360-378-4182 • FAX: 360-378-3315

dawest@rockisland.com

Manufacturers of Quality Diesel Equipment

www.dawest.com