

Diesel – Industrial/Agricultural

1800 RPM

Rating Range – 60 Hertz OperationkW 30 - 200
kVA 30 - 200**Standard Voltage Rating**

120/240V – Single Phase

Shown with Optional Gauge Kit
Made in USA**Standby Power Features**

- Water-cooled industrial diesel engine
- Brushless synchronous alternator: four-pole construction, dynamically balanced
- Full featured microprocessor based controller: fully programmable for maximum flexibility
- Prototype tested and production tested
- Heavy duty air cleaner
- Battery rack and cables
- Integral vibration isolators
- Industrial exhaust silencer
- Exhaust elbow for vertical mounting
- Exhaust rain cap
- Electronic isochronous governor
- Open skid mount configuration
- Narrow base skid for through door delivery
- Meets latest EPA emissions levels
- For use in standby application
- Manufactured in an ISO-9001 certified facility
- Flexible fuel lines
- Fuel solenoid valve
- Block heater for 0° F
- Coolant heater valves
- Oil drain extension
- Two wire remote start capability

Accessories

- Battery charger
- Battery heater
- Main line circuit breaker
- Automatic transfer switch
- Radiator duct flange
- Fuel water separator
- External fuel filter
- Analog gauge panel

Genset Specifications

Output Voltage / Frequency	120/240 VAC, 1Ph@60Hertz	Recommended Oil	15W-40
Genset Ambient Temp Rating	122°F/50°C	Unbalanced Load Capability	20% of Standby Rating
Voltage Regulation	1.5%	Load Acceptance Capability	100% of Rating in One Step
Total Harmonic Distortion	<5%	Controller Mounting	Right Side
Frequency Regulation NL to FL	Isochronous	Controller Type	Baldor IntelliLite NT
Alternator Temperature Rise	150°C	Controller Features	6 LED status indicators and backlit LCD display of engine oil, temperature, battery volts, running hours, alternator volts, amps, watts.
Alternator Insulation Class	Class H		

Engine Specifications

Engine	Hp Rating	Displacement L (in2)	Induction System	Oil Capacity w/Filter	Coolant Capacity	Battery Volts	Battery Min. CCA	Exhaust Outlet Dia.
JD 4024TF281	49	2.4 (149)	Turbocharged	2.4 Gal	12.4 Qt	12Vdc	750	2.5 in
JD 5030HF285	96	3.05 (186)	Turbo/Charge Air Cooled	3.2 Gal	16.4 Qt	12Vdc	750	2.5 in
JD 4045HF285	158	4.5 (275)	Turbo/Charge Air Cooled	4.1 Gal	26.8 Qt	12Vdc	800	3 in
JD 4045HF285	197	4.5 (275)	Turbo/Charge Air Cooled	4.1 Gal	27.4 Qt	12Vdc	800	3 in
JD 6068HF285	237	6.8 (415)	Turbo/Charge Air Cooled	8.8 Gal	31.0 Qt	12Vdc	800	4 in
JD 6068HF485	315	6.8 (415)	Turbo/Charge Air Cooled	8.9 Gal	39.6 Qt	12Vdc	800	4 in

DLC Industrial Standby Generators

Catalog Number	kW Rating	Volts	Amps	Phase	Engine	Fuel GPH 1/2 Ld/Full Ld	EPA Tier
Diesel							
DLC30-JD	30	120/240	125	1	JD 4024TF281	1.4 / 2.8	Interim 4
DLC60-JD	60	120/240	250	1	JD 5030HF285	2.5 / 5.0	3
DLC100-JD	100	120/240	416	1	JD 4045HF285	4.7 / 8.2	3
DLC125-JD	125	120/240	521	1	JD 4045HF285	5.6 / 9.9	3
DLC150-JD	150	120/240	625	1	JD 6068HF285	6.2 / 11.8	3
DLC200-JD	200	120/240	833	1	JD 6068HF485	7.9 / 15.9	3

NOTE: Output ratings are specified for 5000 feet Altitude above sea level, 122° F Ambient Temperature, Reduce output rating by minus 1% for every 333 feet above 5000 feet altitude. Reduce output rating by minus 1% for every 10° F above 122° F ambient temperature. Consult your local fuel supplier for information on heating value of your fuel supply and appropriate ratings adjustments. Baldor reserves the right to implement specifications or design changes without notice. Warning: do not connect generator to any building's electrical system unless a disconnect switch has been installed.

DLC Accessories

The following accessories are available to modify DLC style Industrial Agricultural Generators from the stock configuration. The accessory items can be field installed.

Catalog Number	Description	Fits Models
BTCGR6	Battery Charger – 12 Volt / 6 Amp Float. Includes 6 ft. power cord with grounding plug for AC input power and 4 ft power cord with ring terminals for DC output. UL Listed.	All DLC
BTCGR10	Battery Charger - 12 Volt / 10 Amp Float. Includes 6 ft power cord with grounding plug for AC input power and 4 ft power cord with ring terminals for DC output. UL Listed.	All DLC
BTHTR81	Battery Heater - 120 Volt / 80 Watt battery heater designed to warm one battery. Includes power cord and automatic thermostat.	All DLC
BTBOX1	Battery Box - Vented design allows vapors to escape while protecting battery. Corrosion resistant polypropylene construction is impervious to battery acid and fuel. Comes with box, cover, and heavy duty tie down kit suitable for one Group 30H battery.	All DLC
DLCPPF1	Primary Fuel Filter - External mount filter provides 30 micron filtering for primary fuel filtering.	DLC30 to DLC60
DLCPHK1	Cold Start Preheater Kit - Provides relay and wiring harness for connection of engine mounted glow plugs or intake air preheater. Requires field programming of genset controller and crimp/solder of terminal at engine connection,	DLC30 to DLC60
DLCPHK1		DLC100 to DLC150
DLCAGK3	Analog Gauge Panel Kit - Three analog gauges mounted in aluminum housing, gauges indicate engine oil pressure, engine water temperature and genset output voltage. Includes analog interface card for genset controller	All DLC

BALDOR

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