

Generator Stock Products Catalog

BALDOR
GENERATORS

CA2400

Effective Date:
May, 2005

- Portables
- Towables
- Light Towers
- Automatic Emergency Standby
- Commercial/Industrial Standby



BALDOR[®]
GENERATORS

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BALDOR GENERATORS OWNER WARRANTY POLICY

LIMITED WARRANTY

Baldor Generators will replace or repair free of charge any part or parts of the generator of their manufacture that are defective in workmanship and materials for a period of time as set forth in the Warranty Period chart below.

All Baldor products requiring warranty service shall be transported or shipped freight pre-paid, at the risk of the party requiring warranty service, to a Baldor Generator repair facility.

Written notification of the alleged defect in addition to a description of the manner in which the Baldor generator is used, and the name, address and telephone number of the party requiring warranty service must be included. Baldor is not responsible for removal and shipment of the Baldor product to the service center or for the reinstallation of the Baldor product upon its return to the party requiring warranty service. Problems with Baldor products can be due to improper maintenance, faulty installation, non-Baldor additions or modifications, or other problems not due to defects in Baldor workmanship or materials. If a Baldor Generator repair facility determines that the problem with a Baldor product is not due to defects in Baldor workmanship or materials, then the party requesting warranty service will be responsible for the cost of any necessary repairs. Genset engines are covered under the engine manufacturer's warranty. Proper engine maintenance is required. Any request for engine warranty or repair should be made directly with the engine manufacturer's warranty center. See engine manufacturer's data for applicable engine warranty periods and location of repair centers. EXCEPT FOR THE EXPRESSED WARRANTY SET FORTH ABOVE, BALDOR GENERATORS DISCLAIMS ALL OTHER EXPRESSED AND IMPLIED WARRANTIES INCLUDING THE IMPLIED WARRANTIES OF FITNESS FOR A PARTICULAR PURPOSE AND MERCHANTABILITY. NO OTHER WARRANTY, EXPRESSED OR IMPLIED, WHETHER OR NOT SIMILAR IN NATURE TO ANY OTHER WARRANTY PROVIDED HEREIN, SHALL EXIST WITH RESPECT TO THE GOODS SOLD UNDER THE PROVISIONS OF THESE TERMS AND CONDITIONS. ALL OTHER SUCH WARRANTIES ARE HEREBY EXPRESSLY WAIVED BY THE BUYER. UNDER NO CIRCUMSTANCES SHALL BALDOR GENERATORS BE LIABLE OR RESPONSIBLE IN ANY MANNER WHATSOEVER FOR ANY INCIDENTAL, CONSEQUENTIAL OR PUNITIVE DAMAGES, OR ANTICIPATED PROFITS RESULTING FROM THE DEFECT, REMOVAL, REINSTALLATION, SHIPMENT OR OTHERWISE. This is the sole warranty of Baldor Generators and no other affirmations or promises made by Baldor Generators shall be deemed to create an expressed or implied warranty. Baldor Generators has not authorized anyone to make any representations or warranties other than the warranty contained herein.

WARRANTY PERIOD

Generator Series	Labor*	Parts
Portable Products (Premier, Powerchief, DG Series, K Series)	1 Year	3 Years
Towable Products (TS)	1 Year or 3,000 Hours Whichever Comes First	3 Years or 3,000 Hours – Whichever comes first
POW'R LITE Light Towers	1 Year or 3,000 Hours Whichever Comes First	3 Years or 3,000 Hours – Whichever comes first <i>Excluded from any warranty coverage regardless of time period: Light Fixture, Lamps and Ballasts</i>
3600 RPM Standby Systems (Some AE Models)	1 Year or 1,000 Hours Whichever Comes First	3 Years or 1,000 Hours – Whichever comes first
1800 RPM Standby Systems (Some AE Models, DLC, GLC)	1 Year or 3,000 Hours Whichever Comes First	3 Years or 3,000 Hours – Whichever comes first
International	1 Year or 1,000 Hours Whichever Comes First	1 Year or 1,000 Hours – Whichever comes first

*For products covered under labor coverage, travel expenses will be allowed up to 7 hours straight labor or 300 miles, whichever occurs first and only applies to permanently wired and mounted products (AE, DLC, GLC models).

YOU MUST SAVE THE PURCHASE RECEIPT. PROOF OF PURCHASE DATE SERIAL NUMBER AND MODEL NUMBER WILL BE REQUIRED FOR ALL PORTABLE AND TOWABLE PRODUCTS TO QUALIFY FOR ANY WARRANTY CONSIDERATION.

A START-UP INSPECTION FORM / WARRANTY REGISTRATION MUST BE COMPLETED IN ITS ENTIRETY AND SUBMITTED TO BALDOR GENERATORS WITHIN 30 DAYS OF START-UP TO QUALIFY FOR ANY WARRANTY CONSIDERATION, EXCLUDING: PORTABLES, TOWABLES AND LIGHT TOWERS.



Baldor Generators

The Broadest Line In The Industry – 1.1kW to 2MW

- **Industrial Portables – 1,100 Watts to 11,000 Watts**
 - An industrial tool that delivers performance and value to any industrial job
 - The generator of choice in the rental and construction industry
- **TS Towable Generators – 25kVA to 250kVA**
 - Sound attenuated enclosure for “quiet” operation in noise restricted areas
 - Selective single and three phase voltages
 - Full featured units specially suited for all industrial, commercial and rental applications
- **Automatic Emergency (AE) Residential and Commercial Standby Power – 8kW to 25kW**
 - Engineered to be trouble free, AE units have solid state controls, world class engines and brushless alternators
 - Advanced noise reduction technology—weatherproof enclosure made of heavy gauge material and sound insulated
- **GLC-Gaseous Liquid Cooled Industrial Standby Power – 30kW to 125kW**
 - Reliable GM engine
 - Custom built around your requirements
 - Quick delivery
- **DLC-Diesel Liquid Cooled Industrial Agricultural Standby Power – 30kW to 200kW**
 - Reliable John Deere engine
 - Engineered with top of the line components, these units are easy to use and reliable, providing the protection deserved in the event of a power failure
 - Direct fuel line connections for use with existing tanks or provisions for optional sub-base tank. Optional flexible fuel lines available.
- **Baldor Pow’R Lite Light Towers – 6kW Liquid Cooled 1800 RPM**
 - (4) 1000 watt halide lamps
 - 30 ft. extended tower
 - 4 section mast (for compact trailering)

Premier Industrial Portable Generators (Full Featured)



OHV30



OHV85E

Applications

Baldor portable generators are designed to meet your demands when dependable portable power is required. The performance and durability of Baldor portables have made them the “generator of choice” for industrial and rental/construction applications. Baldor’s brushless two-pole design is maintenance free and manufactured to the highest quality standards in an ISO 9001 facility.

Features

Baldor portable generators are equipped with industrial grade engines to provide the performance and dependability you can count on. Baldor manufactures it’s own generators and backs them with an industry leading 3-year limited warranty. Baldor portable generators also feature “Switchless Full Pow’R”, eliminating the need for a “Full Power” switch. Automatically get the 120V or 240V nameplate power rating without having to flip a switch.

Baldor Premier portable generators incorporate the features you’ve come to expect from the leader in portable power generation.

- "Switchless Full Power" – Automatic 120V/240V operation.
- “Automatic Idler System” – Reduces fuel consumption, extends engine life.
- “Focal Vibration System” – Reduces vibration, extends generator life.
- Hour meter, Voltmeter, and Fuel Gauge

Premier (Full Featured)

Catalog Number	Max. Watts	Cont. Watts	Fuel Capacity	Engine	Engine Hp	Volts	List Price	Mult. Sym.	Approx. Shpg. Wgt. (lbs)
OHV30	3000	2500	2.8 Gal.	Honda	5.5	120 VAC	\$1535	PG	121
R30	3000	2500	2.7 Gal.	Robin/Subaru	7.0	120 VAC	1508	PG	125
OHV40	4000	3500	4.6 Gal.	Honda	8.0	120/240 VAC	2181	PG	170
R45	4500	4000	5.0 Gal.	Robin	9.0	120/240 VAC	2074	PG	180
R45E ①	4500	4000	5.0 Gal.	Robin	9.0	120/240 VAC	2729	PG	187
OHV50H	5000	4000	4.6 Gal.	Honda	9.0	120/240 VAC	2380	PG	189
OHV60	6000	5000	4.6 Gal.	Honda	11.0	120/240 VAC	2807	PG	214
OHV60E ①	6000	5000	4.6 Gal.	Honda	11.0	120/240 VAC	3270	PG	226
R60	6000	5000	5.0 Gal.	Robin/Subaru	13.5	120/240 VAC	2714	PG	213
R60E ①	6000	5000	5.0 Gal.	Robin/Subaru	13.5	120/240 VAC	3189	PG	223
OHV85E ①	9000	8000	5.8 Gal.	Vanguard	16.0	120/240 VAC	3697	PG	251
OHV100E ①	10500	9500	5.8 Gal.	Vanguard	18.0	120/240 VAC	6209	PG	316
OHV110E ①	11000	10000	5.8 Gal.	Honda	20.0	120/240 VAC	6914	PG	340

NOTES: R45E, OHV60E, R60E, OHV85E, OHV100E and OHV110E have electric start and recoil start.

① Batteries are not included on any Electric Start Models.

Baldor reserves the right to implement specification or design changes without notice.

WARNING: Do not connect generator to any building’s electrical system unless a disconnect switch has been installed. Follow local and national electrical codes for proper installation.

Baldor Industrial Portable Generators

Premier Model	OHV30	R30	OHV40	R45 or R45E ①	OHV50H	OHV60 or OHV60E ①	R60 or R60E ①	OHV85E ①	OHV100E ①	OHV110E ①
Features										
Switchless Full Pow'R	—	—	std	std	std	std	std	std	std	std
AC Voltmeter	—	—	std	std	std	std	std	std	std	std
Hourmeter	std	std	std	std	std	std	std	std	std	std
AC Circuit Breakers	std	std	std	std	std	std	std	std	std	std
Low Oil Shutdown	std	std	std	std	std	std	std	std	std	std
Automatic Idler	—	—	std	std	std	std	std	std	std	std
Spark Arrestor Muffler	std	std	std	std	std	std	std	std	std	std
Extended Run Fuel Tank	std	std	std	std	std	std	std	std	std	std
Tubular Roll Cage	std	std	std	std	std	std	std	std	std	std
Neoprene Isolators	std	std	std	std	std	std	std	std	std	std
Focal Vibration System	—	—	std	std	std	std	std	std	std	std
3-Year Warranty	std	std	std	std	std	std	std	std	std	std
Engine Model										
	Honda	Robin/ Subaru	Honda	Robin/ Subaru	Honda	Honda	Robin/ Subaru	Vanguard	Vanguard	Honda
Horsepower	5.5	7.0	8.0	9.0	9.0	11	13.5	16	18	20
Cylinder	1	1	1	1	1	1	1	2	2	2
Lubrication System	Splash	Splash	Splash	Splash	Splash	Splash	Splash	Pressure	Pressure	Pressure
Displacement - CC	163	211	242	265	270	337	404	480	570	614
Starting Systems	Recoil	Recoil	Recoil	Recoil or 12 Volt with Recoil	Recoil	Recoil or 12 Volt with Recoil	Recoil or 12 Volt with Recoil	12 Volt with Recoil	12 Volt with Recoil	12 Volt with Recoil
Rating										
Max Rating	3000W	3000W	4000W	4500W	5000W	6000W	6000W	9000W	10500W	11000W
Rated	2500W	2500W	3500W	4000W	4000W	5000W	5000W	8000W	9500W	10000W
Volts	120VAC	120VAC	120/240VAC	120/240VAC	120/240VAC	120/240VAC	120/240VAC	120/240VAC	120/240VAC	120/240VAC
Amps	20.8	20.8	29.2/14.6	33.3/16.7	33.3/16.7	41.6/20.8	41.6/20.8	66.7/33.4	79.2/39.6	83.3/41.6
dBA @ 7 meters	69.9	69	73	70	73	72.4	71	75.4	75.3	78
Receptacles										
Straight(520R)120V	2-20AMP	2-20AMP	—	—	—	—	—	—	—	—
Straight(520R GFCI)120V	2-20AMP	2-20AMP	4-20AMP	4-20AMP	4-20AMP	4-20AMP	4-20AMP	4-20AMP	4-20AMP	4-20AMP
Twist Lock(L530R)120V	—	—	1-30AMP	1-30AMP	1-30AMP	1-30AMP	1-30AMP	1-30AMP	1-30AMP	1-30AMP
Twist Lock(L1430R)120/240V	—	—	1-30AMP	1-30AMP	1-30AMP	1-30AMP	1-30AMP	1-30AMP	1-30AMP	1-30AMP
Twist Lock(CS6369)120/240V	—	—	—	—	—	—	—	—	1-50AMP	1-50AMP
Fuel System										
Fuel Capacity (U.S. Gallons)	2.8	2.75	4.6	5.0	4.6	4.6	4.4	5.8	5.8	5.8
Operation Run Time/Full Load	5 hrs.	6 hrs.	5 hrs.	6 hrs.	6 hrs.	4 hrs.	4 hrs.	4 hrs.	4 hrs.	4 hrs.
Operation Run Time/Half Load	8 hrs.	9 hrs.	9 hrs.	10 hrs.	10 hrs.	7 hrs.	7 hrs.	7 hrs.	6 hrs.	6 hrs.
Dimensions										
Length	25.5"	26.5"	28"	28"	28"	28"	28"	28"	30"	30"
Width	17.5"	17.5"	20.5"	22"	20.5"	20.5"	22"	21.5"	23"	23"
Height	18.0"	20.5"	22.25"	23"	22.25"	22.25"	23"	27.5"	28.5"	28.5"
Weight (Net Dry)	112 lbs	110 lbs	170 lbs	170/177 lbs	170 lbs	192/206 lbs	195/200 lbs	224 lbs	270 lbs	270 lbs

NOTES: ① Batteries are not included on any Electric Start Models.

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.

Follow local and national electrical codes for proper installation.

Options - Portables

Catalog No.	Option	Available for Models	List Price
PGD2	2 Wheel Pneumatic Dolly Kit	Premier, Powerchief & Diesel Models only – 4500 - 9000 watts	\$208
PGD4	4 Wheel Pneumatic Dolly Kit	Premier, Powerchief & Diesel Models only – 4500 - 11,000 watts	272
CT5000A00SP	Home Power Connection Kit: GenTran Manual Transfer Switch, 8 Circuit, 30 Amp Extension Cord, Rain tight Power Inlet Box, PGD2	Premier, Powerchief and Diesel Models only 4500 watts thru 7,500 watts	974
CT5000A01SP	GenTran Manual Transfer Switch 12 Circuit, 50 Amp, Extension Cord, 50 Amp Power Cord, Rain tight Power Inlet Box, PGD2	Premier, Powerchief and Diesel Models Only 4500 Watts thru 11,000 Watts	1080
Custom	50 Hz	PC30H, PC40H, PC50H, PC60H and PC90VE	469
Custom	3 Phase	PC30H, PC40H, PC50H ans PC60H	938

Baldor Powerchief Series

When you need the dependability of a construction grade generator but could do without some of the frills, Powerchief generators are for you. Available in 1100 to 9000 watt models, the competitively priced Powerchief Series delivers performance and value found mostly on top-of-the-line generators. Add to this the quality of an ISO 9001 certified manufacturing plant and a 3 year product warranty and you'll agree the Powerchief Series is tough to beat.

Powerchief Features

Switchless Full Pow'R

All the POWER, All the TIME!®

- Powerchief generators with “Switchless Full Pow'R” do not need a “power switch”. We're always full power!
- Plug in 120v or 240v in any combination.
- No need to change voltage settings.
- No need to worry about which cord is plugged in.
- No complicated formulas and instructions.
- Reduces the chance for generator damage.



PC60H

Powerchief® Industrial Portable Generators (Maximum Value)

Baldor Generators are known for their quality and performance and the Powerchief® Series provides what you've come to expect in a maximum value generator. Powerchief generators utilize the same engine and generator as the Premier Series but with limited options. All Powerchief generators feature industrial grade engines, a Baldor generator with 3-year limited warranty, Switchless Full Pow'R and Focal Vibration System.

Catalog Number	Max. Watts	Cont. Watts	Fuel Capacity	Engine	Engine Hp	Volts	List Price	Mult. Sym.	Approx. Shpg. Wgt. (lbs)
PC11R	1100	900	1 Gal.	Robin/Subaru	2.0	120 VAC/12 VDC	\$1054	PG	55
PC30H ④	3000	2500	3.8 Qt.	Honda	5.5	120 VAC	1345	PG	108
PC40H ④	4000	3500	4.6 Gal.	Honda	8.0	120/240 VAC	1743	PG	162
PC50H ④	5000	4000	4.6 Gal.	Honda	9.0	120/240 VAC	1965	PG	200
PC60H ④	6000	5000	4.6 Gal.	Honda	11.0	120/240 VAC	2179	PG	207
PC60HE ④ ①	6000	5000	4.6 Gal.	Honda	11.0	120/240 VAC	2729	PG	213
PC90VE ④ ①	9000	8000	4.6 Gal.	Vanguard	16.0	120/240 VAC	2946	PG	232

NOTES: ① Batteries are not included on any Electric Start Models.

④ 50 Hz and/or 3 Phase output is available on selected models. Contact your local Baldor District Office for specifications and delivery. See options on page 3.



PC17RI

Powerchief® Generators with Inverter Technology

The Baldor Inverter Technology makes these generators ideally suited for use with sensitive electronics (e.g., computer, printer, and other sensitive electronic equipment) because the generator produces a clean sine wave of energy that prevents surging. To prevent any possible damage to the unit, an Oil Alert will shut the unit off when the oil drops below a safe operating level. Baldor Powerchief inverter units also have a 12-volt DC terminal for use when charging automotive type batteries.

Catalog Number	Max. Watts	Cont. Watts	Fuel Capacity	Engine	Engine Hp	Volts	List Price	Mult. Sym.	Approx. Shpg. Wgt. (lbs)
PC17RI	1650	1400	4.2 Qt.	Robin/Subaru	2.4	120 VAC/12 VDC	\$1737	PG	45
PC32RI	3200	2800	3.7 Gal.	Robin/Subaru	7.0	120 VAC/12 VDC	3048	PG	130
PC43RI	4300	3800	4.2 Gal.	Robin/Subaru	9.0	120 VAC/12 VDC	3905	PG	143

Baldor Industrial Portable Generators

Powerchief Model	PC11R	PC30H	PC40H	PC50H	PC60H or PC60HE	PC90VE	PC17Ri ②	PC32Ri ②	PC43Ri ②
Features									
Switchless Full Pow'R	—	—	std	std	std	std	—	—	—
DC Circuit Breakers	std	—	—	—	—	—	std	std	std
AC Circuit Breakers	std	std	std	std	std	std	std	std	std
Low Oil Shutdown	std	std	std	std	std	std	std	std	std
Spark Arrestor Muffler	std	std	std	std	std	std	std	std	std
Extended Run Fuel Tank	—	—	std	std	std	std	—	std	std
Tubular Roll Cage	—	std	std	std	std	std	—	—	—
Neoprene Isolators	std	std	std	std	std	std	std	std	std
Focal Vibration System	—	—	std	std	std	std	—	—	—
3-Year Warranty	std	std	std	std	std	std	std	std	std
Engine Model									
	Robin	Honda	Honda	Honda	Honda	Vanguard	Robin	Robin	Robin
Horsepower	2.4	5.5	8	9	11	16	2.4	7	9
Cylinder	1	1	1	1	1	2	1	1	1
Displacement-CC	85.8	163	242	270	337	480	85.8	211	265
Starting Systems	Recoil	Recoil	Recoil	Recoil	Recoil or 12V with Recoil ①	12 Volt with Recoil ①	Recoil	Recoil	Recoil
Rating									
Max Rating	1100W	3000W	4000W	5000W	6000W	9000W	1650W	3200W	4300W
Rated	900W	2500W	3500W	4000W	5000W	8000W	1400W	2800W	3800W
Volts	120VAC/12VDC	120VAC	120/240VAC	120/240VAC	120/240VAC	120/240VAC	120VAC/12VDC	120VAC/12VDC	120VAC/12VDC
Amps	9.1	20.8	29.2/14.6	33.3/16.7	41.6/20.8	66.7/33.4	13.7	23.3	31.7
dBA @ 7 meters	59	69.9	73.5	73.3	72	76.1	59	58	62
Receptacles									
Straight (515R) 120V	—	3-15 AMP	—	—	—	—	—	—	—
Straight (520R GFCI) 120V	2-20 AMP	—	2-20 AMP	2-20 AMP	2-20 AMP	2-20 AMP	2-20 AMP	2-20 AMP	2-20 AMP
Twist Lock (L530R) 120V	—	—	1-30 AMP	1-30 AMP	1-30 AMP	1-30 AMP	—	1-30 AMP	1-30 AMP
Twist Lock (L1430R) 120/240V	—	—	1-30 AMP	1-30 AMP	1-30 AMP	1-30 AMP	—	—	—
Fuel System									
Fuel Capacity (U.S. Gallons)	4.2 qt	3.8 qt	4.6 gal	4.6 gal	4.6 gal	4.6 gal	4.2 qt	3.7 gal	4.2 gal
Operational Run Time/Full Load	2.5 hr	1.5 hr	4 hr	6 hr	4 hr	3.2 hr	2.4 hr	5 hr	3.9 hr
Operational Run Time/Half Load	4.2 hr	2.3 hr	7 hr	10 hr	7 hr	5.6 hr	4 hr	8.4 hr	6.6 hr
Dimensions									
Length	19.3"	22"	28"	28"	28"	28"	19.3"	21"	22.8"
Width	11.6"	15.75"	20.5"	20.5"	20.5"	21.50"	11.6"	18.9"	20.7"
Height	17.5"	16.5"	22.25"	22.25"	22.25"	21.0"	17.5"	22.9"	24.3"
Weight (Net Dry)	55 lbs	94 lbs	162 lbs	162 lbs	187/193 lbs	217 lbs	45 lbs	130 lbs	143 lbs

NOTES: ① Batteries are not included on any Electric Start Models.

② Inverter generator.

Three Phase is available on 5 kW and up. Excludes PCM90VE. Contact your local Baldor District Office. See options on page 3.

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.

Follow local and national electrical codes for proper installation.

Diesel Industrial Portable Generators

Baldor's diesel portables feature the rugged Hatz diesel engine, known worldwide as a superior air-cooled diesel engine. Baldor generators are manufactured to exceed industrial specifications using high quality components.

- Electric Start
- Brushless Alternator
- Hour Meter (diesels) – Helps to track and schedule routine maintenance
- Voltage-120/240 Volt Single Phase
- Wheel Kit- Available as accessory



DG6E

Diesel Industrial Portable Generators

Designed to operate on diesel fuel. Provides auxiliary power for many applications where diesel fuel is available. Suitable for commercial, construction, and farm applications.

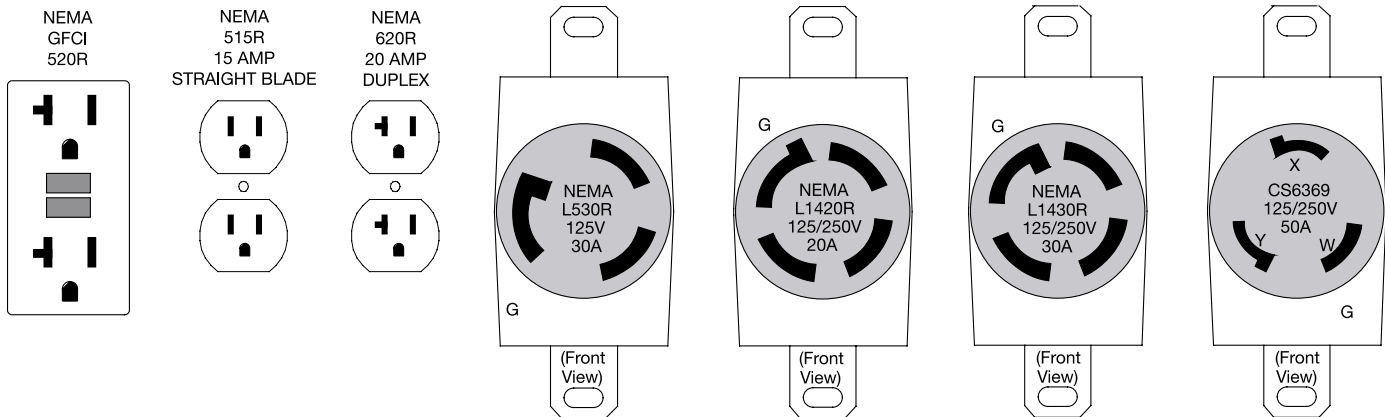
Catalog Number ①	Max. Watts	Cont. Watts	Fuel Capacity	Engine	Engine Hp	Volts	List Price	Mult. Sym.	Approx. Shipping Wgt. (lbs)
DG3E	3300	3000	2.75 Gal.	Hatz	5.5	120/240 VAC	\$3582	PG	175
DG6E	6000	5500	4.6 Gal.	Hatz	9.9	120/240 VAC	4995	PG	254

NOTES: ① Batteries are not included or available on any Electric Start Models.

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. Follow local and national electrical codes for proper installation.

Receptacles



Baldor Industrial Portable Generators

	Portable Diesel Model	
	DG3E	DG6E
Features		
Switchless Full Pow'R	std	std
AC Voltmeter	std	std
Hourmeter	std	std
AC Circuit Breakers	—	—
Low Oil Shutdown	std	std
Spark Arrestor Muffler	std	std
Extended Run Fuel Tank	std	std
Tubular Roll Cage	std	std
Neoprene Isolators	std	std
Focal Vibration System	std	std
3-Year Warranty	std	std
Engine Model	Hatz 1B30	Hatz 1B40
Horsepower	5.5	9.9
Cylinder	1	1
Displacement - CC	346	461.9
Starting Systems	12 Volt with Recoil ①	12 Volt with Recoil ①
Rating		
Max Rating	3300	6000
Rated	3000	5500
Volts	120/240 VAC	120/240 VAC
Amps	25/12.5	45.8/22.9
dBA @ 7 meters	—	—
Receptacles		
Straight (520R GFCI) 120V	2-20 AMP	4-20 AMP
Twist Lock (L530R) 120V	1-30 AMP	1-30 AMP
Twist Lock (L1430R) 120/240V	—	1-30 AMP
Twist Lock (L1420R) 120/240V	1-20 AMP	—
Fuel System		
Fuel Capacity (U.S. Gallons)	2.75	4.6
Operational Run Time/Full Load	5.4 hr	4.6 hr
Operational Run Time/Half Load	9 hr	6 hr
Dimensions		
Length	24.5"	32"
Width	18.5"	20.5"
Height	21.75"	23.75"
Weight (Net Dry)	172 lbs	246 lbs

NOTES: ① Batteries are not included or available on any Electric Start Models.

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. Follow local and national electrical codes for proper installation.



TS80T

Industrial Towable Generators

Applications

Industrial towable generators are designed and engineered for optimum performance and superior reliability. From the ultra quiet sound attenuated enclosures (64-71 dBA) to the state-of-the-art electronics and controls, these units are engineered to meet the most rugged conditions. Place the unit at the job site, connect the load and start it up. These full-featured units are specially suited for all industrial, commercial and rental applications. Units can also be used with an automatic transfer switch for standby applications. Towables are available from 25KVA/20 kW - 250 KVA/200 kW.

Standard Features

- Large Integral Fuel Tank.
- Overspeed Shutdown.
- Extra Large Access Doors.
- Manual or Automatic Start.
- Available with or without the trailer.
- High Water Temperature Shutdown.
- Overcrank Lockout.
- Battery Included.
- Voltage Selections – Three-position switch
No reconnection required.
- Low Oil Pressure Shutdown.
- Full Featured Control Panel.
- Fuel Water Separators.
- Single Point Lifting Eye.

Additional Features for TS250 Only

- 24 hour sub base double wall tank.
- Digital Controller.
- Electronic Governor.
- Alarm horn with silencer.
- Low coolant/Low fuel level shutdown.
- Emergency Stop.

Industrial Standby (with or without trailer)

Catalog Number	KVA/kW @ 240V 1 Phase	KVA/kW @ 208/240 3 Phase	KVA/kW @ 480V 3 Phase	VAC 1 Phase	VAC 3 Phase	Engine*	Fuel Capacity	List Price	Mult. Sym.	Approx. Shipping Wgt. (lbs)
With Trailer										
TS25T	18/18	25/20	25/20	120/240	208/240/480	Isuzu	50 Gal.	\$21211	TG	2265
TS45T	27/27	46/37	48/38	120/240	208/240/480	John Deere	80 Gal.	30285	TG	3540
TS80T	45/45	72/58	81/65	120/240	208/240/480	John Deere	80 Gal.	35946	TG	3848
TS130T	70/70	131/105	134/107	120/240	208/240/480	John Deere	160 Gal.	56221	TG	5600
TS175T	80/80	169/135	175/140	120/240	208/240/480	John Deere	160 Gal.	63637	TG	6200
TS250T	175/175	250/200	250/200	120/240	208/240/480	John Deere	260 Gal.	92647	TG	8900
Skid Mount Without Trailer										
TS25S	18/18	25/20	25/20	120/240	208/240/480	Isuzu	50 Gal.	20459	TG	1790
TS45S	27/27	46/37	48/38	120/240	208/240/480	John Deere	80 Gal.	28032	TG	2829
TS80S	45/45	72/58	81/65	120/240	208/240/480	John Deere	80 Gal.	33142	TG	3053
TS130S	70/70	131/105	134/107	120/240	208/240/480	John Deere	160 Gal.	53940	TG	4610
TS175S	80/80	169/135	175/140	120/240	208/240/480	John Deere	160 Gal.	60404	TG	5205
TS250S	175/175	250/200	250/200	120/240	208/240/480	John Deere	260 Gal.	88716	TG	7350

NOTE: "S" suffix – skid mount, no trailer; "T" suffix – with trailer.
Baldor reserves the right to implement specifications or design changes without notice.
* TS25, TS45 and TS250 units have Tier 2 emissions ratings.

Towable Options	Features	Catalog Number	Available for Models	List Price	Mult. Sym.
AC Batt. Chgr.	12V, 6A Reg., Semi-Float, Ship Loose	EA0010A02SP	All Towables	\$209	PP
Block Heater	Tank Type w/Thermostat	Custom	All Towables	242	GS
Hydraulic Brakes	Add on Brake for TS25T	Custom	TS25T	913	GS
Electric Brakes	Add on Brake for TS25T	Custom	TS25T	746	GS
Electric Brakes	Change Standard Hydraulic Brake to Electric Brake	Custom	TS45T, TS80T, TS130T. TS175T, TS250T	50	GS
Electronic Governor	Provides excellent frequency regulation	Custom	TS25	544	GS
Electronic Governor	Provides excellent frequency regulation	Custom	TS45 – TS175	1163	GS
2" Ball Hitch	Change from Standard 3" Pintle to Ball	TY1004A01SP	All Towables	N/C	PP
2-5/16" Ball Hitch	Change from Standard 3" Pintle to Ball	TY1004A02SP	All Towables	N/C	PP



Baldor Towable Generators

Model	TS25T/S	TS45T/S	TS80T/S	TS130T/S	TS175T/S	TS250T/S
Engine	Isuzu	John Deere	John Deere	John Deere	John Deere	John Deere
Standby Output - 150°C Rise	(KVA/kW)					
3 ph @ 480 Volt	25/20	48/38	81/65	134/107	175/140	250/200
3 ph @ 208 or 240 Volt	25/20	46/37	72/58	131/105	169/135	250/200
1 ph @ 240 Volt	18/18	27/27	45/45	70/70	100/100	175/175
Prime Output - 125°C Rise	(KVA/kW)					
3 ph @ 480 Volt	23/18	44/35	75/60	121/97	159/127	227/180
3 ph @ 208 or 240 Volt	23/18	44/35	69/55	119/95	156/125	227/180
1 ph @ 240 Volt	18/18	25/25	43/43	66/66	95/95	160/160
Voltage Selections						
Voltage - 3 ph Adjustable	208/220/240 416/440/460/480	208/220/240 416/440/460/480	208/220/240 416/440/460/480	208/220/240 416/440/460/480	208/220/240 416/440/460/480	208/220/240 416/440/460/480
Voltage - 1 ph Adjustable	120/127/139 240/254/277	120/127/139 240/254/277	120/127/139 240/254/277	120/127/139 240/254/277	120/127/139 240/254/277	120/127/139 240/254/277
3-Phase Power Factor	0.8	0.8	0.8	0.8	0.8	0.8
Voltage Regulation	1/2%	1/2%	1/2%	1/2%	1/2%	1/2%
Frequency ④	60 Hz.	60 Hz.	60 Hz.	60 Hz.	60 Hz.	60 Hz.
Total Harmonic Distortion	<5%	<5%	<5%	<5%	<5%	<5%
Insulation Material	Class H	Class H	Class H	Class H	Class H	Class H
Amperage (Continuous):						
3 ph 480 Volt	27.1	52.6	90.2	145.8	203.0	277
3 ph 208 Volt	62.5	121.4	190.8	329.6	433.7	637
3 ph 240 Volt	54.1	105.3	165.4	285.7	375.9	555
Single phase amperage @ 240V/120V	75.0/150.0	104.2/208.3	179.2/358.3	275/550	312.5/625	361/722
Engine Specifications						
Model	4LE	5030TF270	T04045T	T06068	RG6081T	6068HF475
Cylinders	4	5	4	6	6	6
Induction System	Nat Aspirated	Turbocharged	Turbocharged	Turbocharged	Turbocharged	Turbocharged Intercooled
Displacement, Liter/Cu. In.	2.2/133	3.0/186	4.5/276	6.8/414	8.1/496	6.8/415
Hp @ Rated Speed	34.5	64	100	166	211	314
RPM	1800	1800	1800	1800	1800	1800
Bore and Stroke 3.4 x 4.1	3.34" x 3.78"	4.13" x 4.92"	4.19" x 5.0"	4.19" x 5.0"	4.56" x 5.06"	4.19 x 5.00
Oil capacity (with filter)	8.6 quarts	11.8 quarts	14 quarts	18 quarts	33 quarts	34 quarts
Cooling	Liquid	Liquid	Liquid	Liquid	Liquid	Liquid
Battery, Rack and Cable Supplied						
Battery Minimum Cold Cranking Amps	750	900	900	2X 750	2X 750	2X 800
Receptacle Specifications						
120 Volt 20 Amp Duplex GFCI	2	3	3	4	4	4
120/240 Volt 50 Amp CS6369 Twistlock	2	3	3	4	4	4
Two Wire Remote Start Capability	std	std	std	std	std	std
Fuel System Specifications (Diesel)						
Fuel Consumption GPH – 1/2 load/(full load)	1.3/(2.0)	2.0/(3.4)	2.7/(4.9)	4.2/(8.1)	5.6/(10.5)	7.6/(15.2)
Approximate Run Time (Hours) 1/2 load/(full load)	38/(25)	40/(24)	30/(16)	38/(20)	29/(15)	34 (17)
Fuel Capacity (Ga.)	50	80	80	160	160	260
Capacity and Dimensions						
Sound Level dBA @ 7 meters, full load	64	67	67	71	71	67
Dimensions (LxWxH) with trailer	131" x 62" x 72"	147" x 62" x 85"	147" x 62" x 85"	180" x 69" x 94"	180" x 69" x 94"	218" x 80" x 102"
Dimensions (LxWxH) without trailer	74" x 38" x 52"	84" x 38" x 61"	84" x 38" x 61"	108" x 42" x 74"	108" x 42" x 74"	159" x 54" x 76"
Weight without Fuel (lb)	2265	3540	3848	5600	6200	8900
Weight without Fuel and without Trailer (lb)	1790	2829	3053	4610	5205	7350

NOTES: Engine, Generator Instrumentation – Voltmeter, ammeter, frequency meter, phase selector switch, oil pressure gauge, water temp gauge, battery voltmeter, start/stop/auto switch, voltage adjusting rheostat, hour meter, individual fault shutdown lights, panel lights with switch, receptacle panel. TS250 includes low coolant level shutdown, low fuel level shutdown, alarm horn w/silencer and emergency stop.

Standby Rating for supplying emergency power for the duration of a utility power outage.

No overload capability for standby rating. Standby ratings in accordance with ISO 3046, BS55114, DIN 6271.

④ 50 Hz available as custom

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. Follow local and national electrical codes for proper installation.

Baldor POW'R LITE Mobile Light Tower

Baldor's compact mobile light tower provides 4000 watts of light anywhere you need it. With metal-halide lamps the Baldor POW'R LITE models will provide light coverage for over 7 acres. Each model is powered by a Baldor 6000-watt light tower generator which are designed for a compact and efficient installation. POW'R LITE light towers are powered by the dependable Kubota and Lombardini diesel engines. A 30-gallon fuel tank provides for 60-hours of operation. The Baldor POW'R LITE light towers can be used for various types of applications: Construction, Emergency, Industrial, Mining, Civil Engineering and Event Lighting.



Features:

- 4 Powerful 1000 Watt metal halide lamps.
- Elliptical light fixtures provide a more efficient light pattern than conventional round fixtures. The 4 – 1000 Watt metal halide lamps are supported on both ends to enhance durability and long life.
- 2000 watts for convenience outlets.
- One 120-volt GFI convenience receptacle and one 240-volt twist-lock receptacle.
- Quiet, dependable Kubota or Lombardini diesel engine provides “flicker-free” operation.
- Sturdy construction with heavy gauge powder coated steel.
- Zinc plated 30’ 4-section mast, coiled mast cords.
- Tower rotates 360 degrees
- Heavy-duty winch design and integral forklift pockets.
- 30-gallon fuel tank – up to 60 hours of running time.
- Quality highway trailer suspension.
- Low oil/high temperature shutdown protection.
- Hour meter and DC voltmeter.
- Battery included.

Catalog Number	Max. Watts	Mast Height	Fuel Capacity	Engine	Engine Hp	Lighting Type	List Price	Mult. Sym.	Weight (lbs)*
PL6000K	6000	30	30 gal.	Kubota	11.9	Metal Halide	\$12819	LT	1700
PL6000L	6000	30	30 gal.	Lombardini	13.6	Metal Halide	12229	LT	1700

NOTES: * 53-foot flatbed easily holds 10 compact units.

Baldor Mobile Light Towers

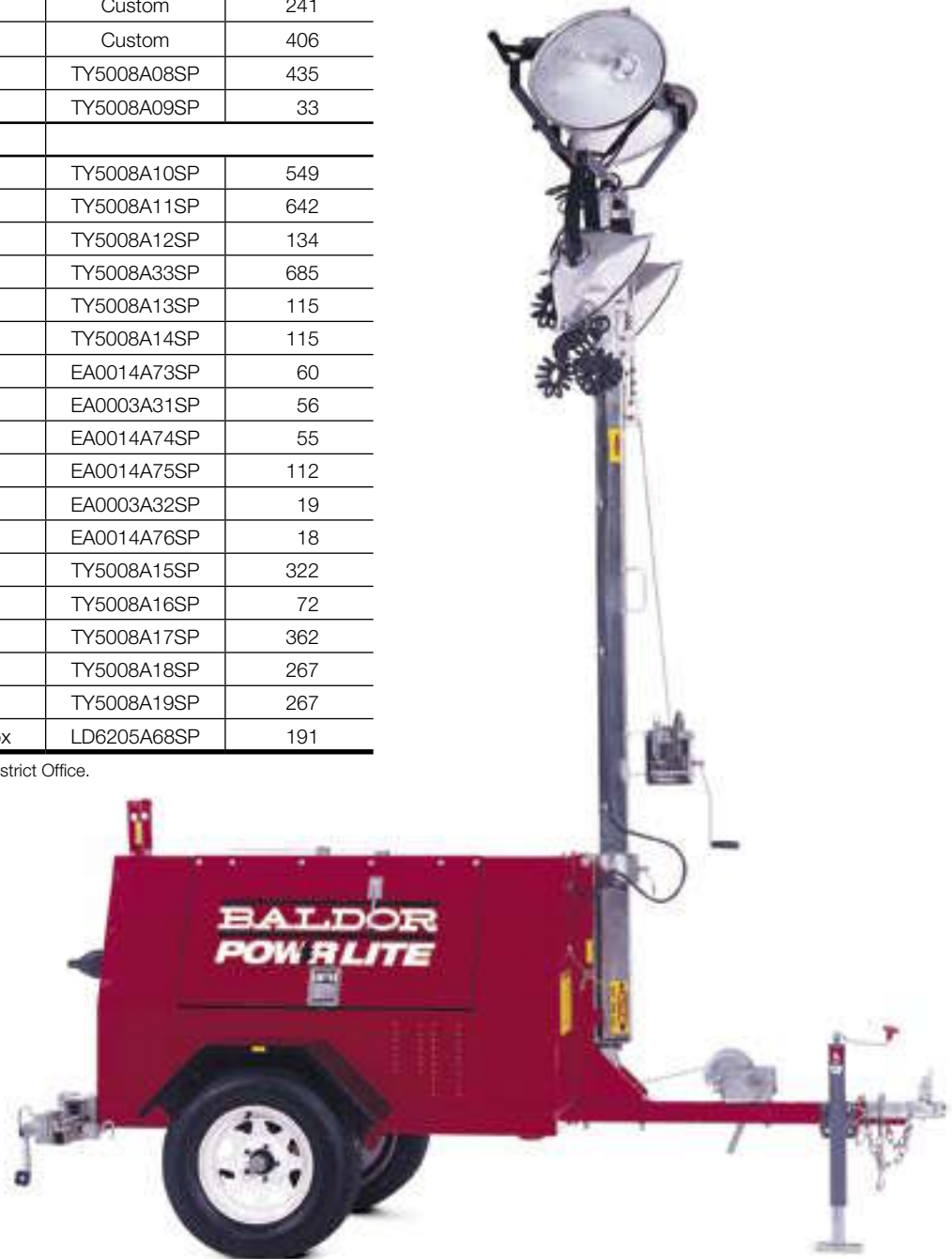
POW'R LITE Light Tower	PL6000L	PL6000K
Engine / Generator		
Engine	LDW1003 Lombardini	D905 Kubota
Engine Type	Diesel, 3 Cyl., Nat. Asp. 916 cc	Diesel, 3 Cyl., Nat. Asp. 898 cc
Engine HP	13.6	11.9
Fuel tank capacity (Gal.)	30	
Run time 1-Tankful	60 (Hours)	
Sound Level	72dBA	
Generator Manufacturer	Baldor	
Generator Model	30.00115	
6kW Generator	Std	
Low Oil Shutdown	Std	
High Temp Shutdown	Std	
Hour meter	Std	
DC Voltmeter	Std	
12V Battery	Std	
Mast / Enclosure		
Mast Height	30'	
Mast Material	Zinc Plated	
Mast sections	4	
Tower rotation	360 Deg	
Mast Cord	Coiled	
Electric winch for tower	Optional	
Enclosure material		
Sides	10 Gauge	
Doors	12 Gauge	
Hinge material	Aluminum	
Finish/Coating Enclosure	Powder Coat	
Finish/Coating Hardware Tower, outriggers, jack, safety chains	Zinc Plated	
Lockable Doors	Std	
Gas door struts	Optional	
Fenders	Steel	
Outrigger support system	3 Point	
Ground rod holder & cable	Optional	
Forklift pockets	Std	
Lighting / Electric		
Lighting Coverage	5-7 Acres	
Lighting Type	4/1000W Metal Halide	
Lamp Fixture Materials	Spider Bulb Support	
	Tempered Glass Bulb Lens	
Ballasts	Core & Coil "Easy Access"	
Quick Disconnect Lights	Option	
Receptacles at panel	1/120V GFI 20 AMP Duplex	
	1/30 Amp Twist Lock 240V	
Control Panel	Internal	
Individual Lamp Switches	Std	
Trailer		
Standard Hitch (Removable)	2" Ball	
Trailer Lights	Std	
Transport tie-downs	Std	
Tires	14"	
Towing speed (MPH)	55	
Height stowed	63"	
Length stowed	152"	
Width stowed	54"	
Weight – Dry (Lbs)	1700	

NOTE: Baldor reserves the right to implement specifications or design changes without notice.

Options - Light Towers

POW'R LITE Options	Catalog Number	List Adder
2" Pintle	TY5008A21SP	N/C
3" Pintle	TY5008A20SP	\$63
*Additional 120V Receptacles	Custom	69
Fire Extinguisher	TY5008A31SP	135
*Fuel Water Separator	Custom	243
*Gas Door Struts (set of 2)	Custom	175
Ground Rod w/Cable	TY5008A03SP	75
Combination Dual hitch	TY5008A04SP	114
*Electric Winch (for tower)	Custom	241
*Sound Attenuation	Custom	406
Spare Tire & Rim (mounted)	TY5008A08SP	435
Dome Light	TY5008A09SP	33
Renewal Parts		
Complete Light Fixture w/o bulb	TY5008A10SP	549
Complete Light Fixture with bulb	TY5008A11SP	642
Metal Halide Bulb (each)	TY5008A12SP	134
Metal Halide Bulb (sold in case of six)	TY5008A33SP	685
Lens – Glass & Gasket	TY5008A13SP	115
Jack	TY5008A14SP	115
Lombardini Air Filter	EA0014A73SP	60
Lombardini Oil Filter	EA0003A31SP	56
Lombardini Fuel Filter	EA0014A74SP	55
Kubota Air Filter	EA0014A75SP	112
Kubota Oil Filter	EA0003A32SP	19
Kubota Fuel Filter	EA0014A76SP	18
Ballast	TY5008A15SP	322
Capacitor/Lighting	TY5008A16SP	72
Lighting Ballast/Cap Set 120V	TY5008A17SP	362
Quick Disconnects (Male) – 4 Lights	TY5008A18SP	267
Quick Disconnects (Female) – 4 Lights	TY5008A19SP	267
Wiring Harness Ballast Box to Control Box	LD6205A68SP	191

* Custom (Factory Installed) – Contact Baldor District Office.





DLC125-JD

DLC (Diesel Liquid Cooled) Industrial Agricultural Standby Generators

Applications

Diesel engine-driven generator systems for industrial and agricultural applications including confinement house operations, dairy farms, and greenhouse facilities. Used also as backup power systems for municipality services such as water treatment plants. Rugged and reliable, these units are designed for use in many applications requiring a standby power supply.

Features

- All DLC generators are prototype tested, factory built and production tested.
- Ratings from 30 kW to 200 kW. (Larger diesel ratings available – see box below.)
- Available options - 100-600 amp NEMA 1/NEMA 3R Automatic Transfer Switches, weather enclosures, sub base tanks and circuit breaker. Contact local office for information.
- 12V DC electric start.
- 100% full load tested for 100% block loading.
- John Deere industrial diesel engine.
- Full status monitor provides system monitoring of low oil pressure, high coolant temperature, overspeed and overcrank.
- Direct fuel line connections for use with existing tanks or optional sub-base tank. Optional flexible fuel lines available
- 1800 RPM, 60 HZ, single phase, 4 lead generators.
- Alternators are efficient brushless synchronous four-pole construction, dynamically balanced with double sealed prelubricated ball bearings.
- World-wide network of parts and service centers.

DLC Industrial Generators

Catalog Number	Kilowatt (kW) Rating	Engine	Engine Hp	Volts ^①	List Price	Mult. Sym.	Approx. Shipping Weight (lbs)
DLC30-JD	30	John Deere	71	120/240 VAC	\$12387	AG	1465
DLC50-JD	50	John Deere	100	120/240 VAC	14039	AG	1601
DLC60-JD	60	John Deere	100	120/240 VAC	16184	AG	1753
DLC75-JD	75	John Deere	110	120/240 VAC	17039	AG	1838
DLC100-JD	100	John Deere	165	120/240 VAC	21362	AG	2045
DLC125-JD	125	John Deere	190	120/240 VAC	25107	AG	2652
DLC150-JD	150	John Deere	251	120/240 VAC	29772	AG	2652
DLC200-JD	200	John Deere	300	120/240 VAC	34365	AG	3875

NOTE: ^① Single phase voltage. Contact District Office for 3 Phase engineered IDLC product.
Batteries are not included. See page 15 for option adder.
Baldor reserves the right to implement specifications or design changes without notice.

IDLC CUSTOM RATINGS AVAILABLE!

Baldor Generators offers industrial diesel generators up to 2 MW. These units are available with various enclosures, features and options. ISO container enclosures are available in 20 or 40 ft. sizes and can be designed for Standby/Prime installations. Consult your Baldor District Office for more information.

DLC (Diesel Liquid Cooled)

Model ①	DLC30-JD	DLC50-JD	DLC60-JD	DLC75-JD	DLC100-JD	DLC125-JD	DLC150-JD	DLC200-JD
DLC Generator w/Industrial Grade Silencer, ECU Controller, Battery Rack and Cables, Engine Block Heater – List Price	\$12,387	\$14,039	\$16,184	\$17,039	\$21,362	\$25,107	\$29,772	\$34,365
Engine	John Deere 4045DF150	John Deere 4045TF150	John Deere 4045TF150	John Deere 4045TF250	John Deere 6068TF150	John Deere 6068TF250	John Deere 6068HF150	John Deere RG6081AF001
Engine Horsepower	71	100	100	110	165	190	251	300

Options and Accessories List Price

Model ①	DLC30-JD	DLC50-JD	DL 60-JD	DLC75-JD	DLC100-JD	DLC125-JD	DLC150-JD	DLC200-JD
Enclosure Installed								
Weather Protective Enclosure (with Critical Silencer & Flex) (Mounted)	\$2984	\$2984	\$2984	\$3241	\$3241	\$3572	\$3889	\$3889
Silencer Enclosed Unit								
Critical Silencer & Flex, elbow and rain cap, mounted								
Silencer OPEN Unit								
Critical Grade (Ship Loose)	358	358	358	427	427	790	790	790
Exhaust Flex (Ship Loose)	97	97	97	97	97	148	148	148
Fuel System								
Flexible Fuel Lines	90	90	90	90	90	145	145	145
Single Wall Sub-Base Fuel Tank								
12 hours, 50 gallon	2118	–	–	–	–	–	–	–
12 hours, 60 gallon	–	2196	2196	–	–	–	–	–
12 hours, 80 gallon	–	–	–	2250	–	–	–	–
12 hours, 100 gallon	–	–	–	–	2262	–	–	–
12 hours, 120 gallon	–	–	–	–	–	2380	–	–
12 hours, 150 gallon	–	–	–	–	–	–	2911	–
12 hours, 210 gallon	–	–	–	–	–	–	–	3148
24 hours, 90 gallon	2262	–	–	–	2616	2616	2616	–
24 hours, 120 gallon	–	2380	2380	–	–	–	–	–
24 hours, 150 gallon	–	–	–	2911	–	–	–	–
24 hours, 200 gallon	–	–	–	–	3032	–	–	–
24 hours, 240 gallon	–	–	–	–	–	3127	–	–
24 hours, 300 gallon	–	–	–	–	–	–	3304	–
24 hours, 420 gallon	–	–	–	–	–	–	–	3724
Double Wall UL-142 Sub-Base Tank								
12 hours, 50 gallon	2322	–	–	–	–	–	–	–
12 hours, 60 gallon	–	2401	2401	–	–	–	–	–
12 hours, 80 gallon	–	–	–	2674	–	–	–	–
12 hours, 100 gallon	–	–	–	–	3160	–	–	–
12 hours, 120 gallon	–	–	–	3263	–	3207	–	–
12 hours, 150 gallon	–	–	–	–	–	–	3342	–
12 hours, 210 gallon	–	–	–	–	–	–	–	3438
24 hours, 90 gallon	2624	–	–	–	–	–	–	–
24 hours, 120 gallon	–	2913	2913	–	–	–	–	–
24 hours, 150 gallon	–	–	–	3206	–	–	–	–
24 hours, 200 gallon	–	–	–	–	3636	–	–	–
24 hours, 240 gallon	–	–	–	–	–	2653	–	–
24 hours, 300 gallon	–	–	–	–	–	–	3925	–
24 hours, 420 gallon	–	–	–	–	–	–	–	4116
Electrical System								
EA0010A02SP 6 A. Batt. Charger (Float/EQ)	208	208	208	208	208	208	208	208
EA0006A17 10 A. Batt. Charger (Float/EQ)	624	624	624	624	624	624	624	624
80 Watt Battery Heater	246	246	246	246	246	246	246	246
Alternator Space Heater	348	348	348	348	348	348	348	348

NOTES: ① Single Phase voltage output on these models.
 Batteries ship loose on open units (see option adder)
 Baldor reserves the right to implement specifications or design changes without notice.



DLC Options and Accessories List Price (continued)

Model ①	DLC30-JD	DLC50-JD	DL 60-JD	DLC75-JD	DLC100-JD	DLC125-JD	DLC150-JD	DLC200-JD
Square D Circuit Breakers – 2 or 3 Pole, Installed – 80% Rated Thermal Magnetic								
3 Pole, 60 Amp	\$512	–	–	–	–	–	–	–
3 Pole, 90 Amp	–	\$573	–	–	–	–	–	–
3 Pole, 100 Amp	575	–	\$523	–	–	–	–	–
3 Pole, 125 Amp	1004	–	–	–	–	–	–	–
2 Pole, 150 Amp (1 Ph only)	385	–	–	–	–	–	–	–
3 Pole, 150 Amp	–	–	–	\$1004	–	–	–	–
3 Pole, 175 Amp	–	1004	–	–	\$1004	–	–	–
3 Pole, 200 Amp	–	1004	–	–	–	–	–	–
3 Pole, 225 Amp	–	–	1004	–	–	\$1004	–	–
2 Pole, 250 Amp (1 Ph only)	–	1172	–	–	–	–	–	–
3 Pole, 250 Amp	–	–	1511	1511	–	–	–	–
2 Pole, 300 Amp (1 Ph only)	–	–	1172	–	–	–	\$1511	–
3 Pole, 300 Amp	–	–	–	1594	–	–	–	–
2 Pole, 350 Amp (1 Ph only)	–	–	–	1172	–	–	–	–
3 Pole, 350 Amp	–	–	–	–	1594	–	–	–
3 Pole, 400 Amp	–	–	–	–	1594	–	–	\$1172
3 Pole, 450 Amp	–	–	–	–	–	2131	–	–
2 Pole, 500 Amp (1 Ph only)	–	–	–	–	1742	–	–	–
3 Pole, 500 Amp	–	–	–	–	–	2131	2131	–
2 Pole, 600 Amp (1 Ph only)	–	–	–	–	–	2169	–	–
3 Pole, 600 Amp	–	–	–	–	–	–	2131	–
3 Pole, 700 Amp	–	–	–	–	–	–	–	2706
2 Pole, 800 Amp (1 Ph only)	–	–	–	–	–	–	2169	–
3 Pole, 800 Amp	–	–	–	–	–	–	–	2706
2 Pole, 1000 Amp (1 Ph only)	–	–	–	–	–	–	–	2969
Controller Accessories and Batteries								
Electronic (Isochronous) Governor w/o speed adjust	544	544	544	544	544	1163	1163	1163
Battery – 30H Style 12V – 680CCA	136	136	136	136	136	136	136	136
Battery – 31-900CT 12V – 900CCA	205	205	205	205	205	205	205	205
Miscellaneous								
Additional Operator & Maintenance Manuals	129	129	129	129	129	129	129	129

NOTES: ① Single Phase voltage output on these models. Three-phase alternators available as IDLC models. Contact local Baldor District Office for additional information.
 Batteries ship loose on open units
 Baldor reserves the right to implement specifications or design changes without notice.



AE11-E

Automatic Emergency (AE) Standby Generators

Applications

The Automatic Emergency (AE) generators have been engineered and built to meet the emergency power needs of residential and commercial customers. The generators may be operated in manual or automatic mode and all models run on either natural gas or propane (LP). Baldor Automatic Emergency generators offer peace of mind when utility power is not available.

Features

The Automatic Emergency product line has models ranging from 8-25kW. When used with an automatic transfer switch, these units continuously monitor the electrical voltage and start up automatically if the utility power supply is interrupted, and then shut themselves off when utility service is returned.

- Natural Gas/LP units are available.
- Attractive Design – Aesthetically pleasing after installation.
- Fully Automatic System – When connected to an Automatic Transfer Switch.
- Convenient Fuel Source – Runs on your existing fuel supply (NG/LP).
- Powder Coat Paint Finish – State-of-the art painting system ensures long and beautiful enclosure life.
- Dual Side Serviceability – Provides ease of maintenance.
- Advanced Noise Technology – Weatherproof enclosure is constructed of heavy gauge steel and has special sound insulation to reduce operating noise (69-73 dBA).
- Operational Efficiency – All engines are direct coupled to high efficiency brushless generators for dependable operation when needed.
- World-class components backed by a world-wide network of parts and service.

Automatic Emergency

Catalog Number ①	Max. kW LP	Max kW Nat. Gas	Engine	Engine Hp	Volts	List Price	Mult. Sym.	Approx. Weight (lbs)
AE8-E	8	7.2	Vanguard	16	120/240 VAC	\$5829	AE	463
AE10-E	10	9	Vanguard	18	120/240 VAC	7589	AE	509
AE11-E	11	10.5	Kohler	23	120/240 VAC	8240	AE	556
AE25-E-NG	–	22.5	Ford	40	120/240 VAC	18735	AE	1450
AE25-E-LP	25	–	Ford	40	120/240 VAC	18735	AE	1450

NOTES: Batteries are not included on any Electric Start Models. See page 17 for option adder.
 ① Two Amp semi float charger included for AE8, AE10 and AE11. Six Amp semi float charger is included with the AE25
 Please add applicable automatic transfer switch to unit price. See options. All models are electric start.
 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.
 Follow local and national electrical codes for proper installation.
 A licensed installer should perform installation.

Baldor Automatic Emergency (AE) Generators

Model	AE8	AE10	AE11	AE25 (NG/LP)
Engine	Vanguard	Vanguard	Kohler	Ford
Rating (60 Hz) ①	8kW/7.2kW	10kW/9kW	11kW/10.5kW	25kW/22.5kW
Fuel	LP/NG	LP/NG	LP/NG	LP/NG
Voltage (1 Phase)②	120/240	120/240	120/240	120/240
Power Factor	1	1	1	1
Amps – 120V (240V)	66.8 (33.4)	83.4 (41.7)	91.6 (45.8)	208.4 (104.2)
Voltage Regulation (1 & 3 Phase)	± 5%	± 1%	± 1%	± 1%
Frequency Regulation (1 & 3 Phase)	± 5%	± 5%	± 5%	± 1%

Engine Specifications

Model	303447	350447	CH23GS	LRG-425
Horsepower	16	18	23	40
Cylinders	2	2	2	4 in-line
Cycle	4-stroke	4-stroke	4-stroke	4-stroke
Induction System	Naturally aspirated	Naturally aspirated	Naturally aspirated	Naturally aspirated
Displacement, CC (cu.in.)	480 (29.3)	570 (34.8)	725 (44.0)	
Displacement, L (cu.in.)				2.5L (153 cu. in.)
Oil capacity (with filter)	3.5 pints	3.5pints	2 quarts	4.5 quarts
Cooling	Air	Air	Air	Liquid
Battery recommendation (min cold cranking amps)	300	300	300	680

Fuel Consumption

LP Gas	64 C.F.H.	72 C.F.H.	108 C.F.H.	143 C.F.H.
Natural Gas	160 C.F.H.	200 C.F.H.	209 C.F.H.	419 C.F.H.

Alternator Specifications

Manufacturer	Baldor	Baldor	Baldor	Baldor
Type	2p/revolving field	2p/revolving field	2p/revolving field	4p/revolving field
Leads	4	4	4	4
Voltage Regulator	Capacitor	AVR	AVR	AVR
Voltage Regulation	1/2%	1/2%	1/2%	1/2%
Insulation Material	Class F	Class F	Class F	Class F
Temperature Rise	150°C	150°C	150°C	150°C
One Step load Acceptance	100% of Rating	100% of Rating	100% of Rating	100% of Rating

Control Features

Low oil pressure & overcrank	std	std	std	std
Shutdown with indicator lights	std	std	std	std
Circuit breaker protection	1	1	1	1 / 3
Remote start-stop connection	std	std	std	std

Engine Features

Spin-on oil filter	std	std	std	std
Electronic governor	—	—	—	std
12V starter (battery not included)	std	std	std	std
Sound level dBA @ 7 meters, full load	71	70	73	69
Dimensions (LxWxH) w/enclosure	44.5x29x36.75	44.5x29x36.75	46x30.375x30.5	72x31.5x34
Weight	445 lbs	445 lbs	556 lbs	1345 lbs

NOTES: ① Standby Ratings: applicable for supplying emergency power for the duration of a utility power outage. No overload capability for standby rating. Standby ratings in accordance with ISO 3046, BS55114, DIN 6271.

② AE10, AE11, AE25 available in three phase. Consult your Baldor District Office for details. Single phase units are rated at 1.0 (unity) power factor.

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. Follow local and national electrical codes for proper installation.

Automatic Emergency Standby Generators Options and Accessories

Catalog Number	Option	Available for Models	List Price
EA0010A02SP	AC Battery Charger, 12 Volt, 6 amp, Regulated, Semi-Float, Shipped Loose	AE8, AE10, AE11	\$208
Custom *	Water Jacket Heater	AE25-E	312
Battery	SP40 – 340CCA	AE8, AE10, AE11	151
Battery	30H Style 12V – 680CCA	AE25	132

* Custom order – Consult your local Baldor District Office for specifications and delivery.

GLC (Gaseous Liquid Cooled) Industrial Standby Generators



GLC80

Applications

The Baldor GLC product line operates on Natural Gas or LP gas and provides reliable standby power for industrial and commercial including telecommunications, banking, medical, nursing homes, schools, etc. applications. Baldor GLC power generation systems are available in open configuration, weather protective and fully sound attenuated enclosures. Other accessories are available to meet application requirements. Contact your Baldor District Office for more information.

Features

- All GLC generators are prototype tested, factory built and production tested.
- UL2200 – Available – Consult factory
- Heavy Duty Gaseous GM Industrial engine.
- Electronic governor.
- 12V DC electric start
- Solid state controls are adjustable for maximum flexibility.
- Prototype tested per NFPA 110.
- Alternators are efficient brushless synchronous four pole construction, dynamically balanced with double sealed prelubricated ball bearings.
- A world wide network of parts and service centers.

GLC Industrial Generators

Catalog Number ①	Kilowatt (kW)④ Rating LP	Kilowatt (kW)④ Rating Natural Gas	Engine	Engine Hp③	VAC② 1 Phase	VAC② 3 Phase	List Price	Mult. Sym.
GLC30	30	30	GM V6 (4.3L)	64	120/240	208/240/480	\$16215	GS
GLC35	35	35	GM V6 (4.3L)	64	120/240	208/240/480	16670	GS
GLC45	41	37	GM V6 (4.3L)	64	120/240	208/240/480	18215	GS
GLC50	50	50	GM V8 (5.7L)	98	120/240	208/240/480	19640	GS
GLC60	60	54	GM V8 (5.7L)	98	120/240	208/240/480	20529	GS
GLC80	80	80	GM V8 (8.1L)	160	120/240	208/240/480	25411	GS
GLC100	97	84	GM V8 (8.1L)	160	120/240	208/240/480	26935	GS
GLC125	125	115	GM V8 (8.1L)	198	120/240	208/240/480	33738	GS

- NOTES:**
- ① Batteries not included on any electric start models. See page 19 for option adder.
 - ② Specify Single or Three Phase voltage when ordering. For ratings and voltages not listed above consult your District Office.
 - ③ Natural Gas
 - ④ 150°C Standby Rating @ 480V - 3 Phase. UL 2200 units are 125°C standby rating.
"Quick Ship" – Allow 10 assembly days from date of order for modified units.
Baldor reserves the right to implement specifications or design changes without notice.

Baldor Generators offers industrial natural gas generators up to 875kW. These units are available with various enclosures, features and options. Consult your Baldor District Office for more information.

GLC (Natural Gas or LP)

Model	GLC30	GLC35	GLC45	GLC50	GLC60	GLC80	GLC100	GLC125
Engine	GM 4.3L	GM 4.3L	GM 4.3L	GM 5.7L	GM 5.7L	GM 8.1L	GM 8.1L	GM 8.1L
GLC Generator w/Industrial Grade Silencer, (Ship loose), MEC2 Digital Controller, Battery Rack & Cables, Run Relay, Electronic (Isochronous) Governor – List Price	\$16,215	\$16,670	\$18,215	\$19,640	\$20,529	\$25,411	\$26,935	\$33,738

Options and Accessories List Price

Part No.	Description	GLC30	GLC35	GLC45	GLC50	GLC60	GLC80	GLC100	GLC125
Enclosure Installed									
Custom	Weather-Protective Enclosure with critical grade Silencer (external roof mount) & flex, exhaust, elbow and rain cap	\$2771	\$2771	\$2771	\$2771	\$2771	\$3223	\$3223	\$3223
Custom	Sound Attenuated Enclosure with critical grade Silencer (internal mount) & flex	5371	5371	5371	6626	6767	6767	6767	6767
Silencer OPEN Unit									
Custom	Industrial Grade (Ship Loose)	221	221	221	221	221	339	339	339
Custom	Critical Grade (Ship Loose)	396	396	396	396	396	474	474	474
Custom	Exhaust Flex (Ship Loose)	97	97	97	97	97	97	148	148
Cooling System									
Custom	1500 Watt Block Heater – GLC 30, 35 and 45 1800 Watt GLC 50, 60, 80, 100, 125	275	275	275	275	275	329	329	329
Custom	Radiator Duct Flange (Open Units Only)	126	126	126	126	126	170	170	170
Fuel System									
Custom	Flexible Fuel Lines	90	90	90	90	90	90	145	145
Custom	Fuel Strainer (Natural Gas Units)	53	53	53	53	53	53	53	53
Electrical System									
EA0010A02SP	6 Amp Battery Charger (Float/EQ)	208	208	208	208	208	208	208	208
EA0006A17	10 Amp Battery Charger (Float/EQ)	624	624	624	624	624	624	624	624
Custom	80 Watt Battery Heater	246	246	246	246	246	246	246	246
Custom	Alternate Space Heater	348	348	348	348	348	348	348	348
BT0009A01	Battery Group 31-925 CCA ①	209	209	209	209	209	209	209	209
Circuit Breakers – Installed 3-Pole, Neutral Kit									
CK5017A00	60 Amp Main Line	745	–	–	–	–	–	–	–
CK5013A00	70 Amp Main Line	–	780	–	–	–	–	–	–
CK5012A00	80 Amp Main Line	–	–	780	–	–	–	–	–
CK5016A00	90 Amp Main Line	–	–	–	780	–	–	–	–
CK5001A00	100 Amp Main Line	788	–	–	–	788	–	–	–
CK5015A00	125 Amp Main Line	1104	1104	–	–	–	–	–	–
CK5002A00	150 Amp Main Line	1123	1123	1123	–	–	1123	–	–
CK5014A00	175 Amp Main Line	–	1257	1257	1257	–	–	1257	–
CK5008A00	200 Amp Main Line	–	–	–	1257	–	–	–	–
CK5005A00	225 Amp Main Line	–	–	1257	–	1257	–	–	1257
CK5006A00	250 Amp Main Line	–	–	–	1492	1492	–	–	–
CK5007A00	300 Amp Main Line	–	–	–	–	2190	2190	–	–
CK5004A00	350 Amp Main Line	–	–	–	–	–	2190	2190	–
CK5003A00	400 Amp Main Line	–	–	–	–	–	2190	2190	–
CK5010A00	450 Amp Main Line	–	–	–	–	–	–	–	3111
CK5011A00	500 Amp Main Line	–	–	–	–	–	–	3111	3111
CK5009A00	600 Amp Main Line	–	–	–	–	–	–	–	3527
Accessories									
Custom	Analog Control Panels (ECU pre-alarms not available)	335	335	335	335	335	335	335	335
EB2017A00 ②	Remote Alarm Annunciator (EAP110, for digital controller only)	896	896	896	896	896	896	896	896
Custom	PMG Exciter	941	941	941	941	941	941	941	941
Custom	E-Stop Switch	383	383	383	383	383	383	383	383
Custom	MEC20 Controller	484	484	484	484	484	484	484	484
Custom ③	UL2200/C UL	879	879	879	926	926	1045	1045	1087
Custom	Additional Operator & Maintenance Manuals	129	129	129	129	129	129	129	129

NOTES: ① Batteries ship loose on open units.

② Remote Alarm Annunciator ships loose.

③ UL 2200 units not available with analog controls, PMG excitation or E-Stop switch. UL 2200 units must include main line breaker.

Baldor reserves the right to implement specifications or design changes without notice.

Transfer Switches

Automatic Transfer Switches for Generator Sets

Amps	Catalog Number	Mfg/Type	Volts/Connection	Mult. Sym.	List Price
NEMA-1 Enclosure					
100	95.50100	Zenith ZTX	2 Pole, 240 Volt	PP	982
100	95.75100	ASCO 165	2 Pole, 240 Volt	PP	\$920
100	95.50103	Zenith ZTX	3 Pole, 208 Volt	PP	1493
100	95.50102	Zenith ZTX	3 Pole, 240 Volt	PP	1493
100	95.50104	Zenith ZTX	3 Pole, 480 Volt	PP	1493
200	95.50200	Zenith ZTX	2 Pole, 240 Volt	PP	1733
200	95.75200	ASCO 165	2 Pole, 240 Volt	PP	1618
200	95.50203	Zenith ZTX	3 Pole, 208 Volt	PP	2224
200	95.50202	Zenith ZTX	3 Pole, 240 Volt	PP	2224
200	95.50204	Zenith ZTX	3 Pole, 480 Volt	PP	2224
400	95.50400	Zenith ZTX	2 Pole, 240 Volt	PP	3569
400	95.70400	ASCO 300	2 Pole, 240 Volt	PP	2994
400	95.50403	Zenith ZTX	3 Pole, 208 Volt	PP	3748
400	95.70402	ASCO 300	3 Pole, 208 Volt	PP	4644
400	95.50402	Zenith ZTX	3 Pole, 240 Volt	PP	3748
400	95.70403	ASCO 300	3 Pole, 240 Volt	PP	4644
400	95.50404	Zenith ZTX	3 Pole, 480 Volt	PP	3748
400	95.70404	ASCO 300	3 Pole, 480 Volt	PP	4644
600	95.70600	ASCO 300	2 Pole, 240 Volt	PP	7662
600	95.70602	ASCO 300	3 Pole, 208 Volt	PP	7985
600	95.70603	ASCO 300	3 Pole, 240 Volt	PP	7985
600	95.70604	ASCO 300	3 Pole, 480 Volt	PP	7985
800	95.70800	ASCO 300	2 Pole, 240 Volt	PP	7778
800	95.70802	ASCO 300	3 Pole, 208 Volt	PP	8314
800	95.70803	ASCO 300	3 Pole, 240 Volt	PP	8314
800	95.70804	ASCO 300	3 Pole, 480 Volt	PP	8314
NEMA-3R Enclosure					
100	95.50101	Zenith ZTX	2 Pole, 240 Volt	PP	1097
100	95.75101	ASCO 165	2 Pole, 240 Volt	PP	1026
100	95.50113	Zenith ZTX	3 Pole, 208 Volt	PP	1607
100	95.50112	Zenith ZTX	3 Pole, 240 Volt	PP	1607
100	95.50114	Zenith ZTX	3 Pole, 480 Volt	PP	1607
200	95.50201	Zenith ZTX	2 Pole, 240 Volt	PP	1853
200	95.75201	ASCO 165	2 Pole, 240 Volt	PP	1691
200	95.50213	Zenith ZTX	3 Pole, 208 Volt	PP	2345
200	95.50212	Zenith ZTX	3 Pole, 240 Volt	PP	2345
200	95.50214	Zenith ZTX	3 Pole, 480 Volt	PP	2345
400	95.50401	Zenith ZTX	2 Pole, 240 Volt	PP	3927
400	95.70401	ASCO 300	2 Pole, 240 Volt	PP	3311
400	95.50413	Zenith ZTX	3 Pole, 208 Volt	PP	4105
400	95.70405	ASCO 300	3 Pole, 208 Volt	PP	4920
400	95.50412	Zenith ZTX	3 Pole, 240 Volt	PP	4105
400	95.70406	ASCO 300	3 Pole, 240 Volt	PP	4920
400	95.50414	Zenith ZTX	3 Pole, 480 Volt	PP	4105
400	95.70407	ASCO 300	3 Pole, 480 Volt	PP	4920
600	95.70601	ASCO 300	2 Pole, 240 Volt	PP	8185
600	95.70605	ASCO 300	3 Pole, 208 Volt	PP	8508
600	95.70606	ASCO 300	3 Pole, 240 Volt	PP	8508
600	95.70607	ASCO 300	3 Pole, 480 Volt	PP	8508
800	95.70801	ASCO 300	2 Pole, 240 Volt	PP	8301
800	95.70805	ASCO 300	3 Pole, 208 Volt	PP	8837
800	95.70806	ASCO 300	3 Pole, 240 Volt	PP	8837
800	95.70807	ASCO 300	3 Pole, 480 Volt	PP	8837

Generator Selection Guide

To determine the right size generator, add the total watts of all lights, appliances, tools or other equipment to be connected to the generator. Undersizing of the equipment can be avoided by considering all of the loads that will be connected to the generator and by determining the starting requirements of all electric motors. Check equipment nameplates to determine wattage requirements. If wattage is not shown, but amps and volts are given, the following approximation may be used:

Amps x Volts = Watts Example: 12.5 Amps x 120 Volts = 1500 Watts.

The chart shown below will help you in selecting the proper size generator. For portable electric tools and equipment, check the nameplate rating or use the chart for average requirements. Your Baldor Generator is capable of momentarily supplying 150% of its nameplate rating, to assist starting electric motors.

Home		Commercial	
Generator Applications	Starting Wattage Requirements	Generator Applications	Starting Wattage Requirements
Air Conditioner – Central		Air Compressor	
24,000 BTU	3300	1/2 Hp	2000
40,000 BTU	7800	1 Hp	3500
Air Conditioner – Window		2 Hp	6500
10,000 BTU	3000	Drill	
24,000 BTU	6000	1/4"	400
Clothes Dryer		3/8"	600
Gas	2200	1/2"	900
Electric	7550	Grinder	
Coffee Maker	1750	Bench – 8"	2500
Computer	500-1200	Hammer	
Dehumidifier	1450	Demolition	3300
Dishwasher	2100-2850	Rotary	3300
Electric Range	1500-6000	Impact Wrench	
Fan		1/2"	1200
Attic	350	3/4"	1400
Window	100-200	1"	2400
Furnace		Pressure Washer	
1/6 Hp Fan	1250	1 Hp	3500
1/3 Hp Fan	2100	1-1/2 Hp	5000
Light Bulbs	As marked on bulb	3 Hp	9000
Microwave Oven		Pump, Submersible	
625 Watt Power	2500	3/4 Hp	3000
850 Watt Power	3200	1 Hp	3500
Radio	50 - 200	Sander, Belt	1600
Refrigerator	3100	Saw, Chain	
Sump Pump		12"	1800
1/3 Hp	3200	14"	2200
1/4 Hp	2150	Saw, Circular	
Television	300	6-1/2"	1200
Water Heater	4500 per element	8-1/4"	3000
Well Pump			
1/3 Hp	3200		
1/4 Hp	2150		

NOTE: This chart is to be used only as a guide. Motor starting requirements have many variables.

Electrical Formulas – Alternating Current

Single Phase

$$\text{Watts} = \text{Volts} \times \text{Amps} \times \text{Power Factor}$$

$$\text{Amps} = \frac{\text{kW} \times 1000}{\text{V} \times \text{pf}}$$

Notes: 1 kilowatt (kW) = 1000 Watts

Typical Power Factor for Single Phase is 1.0 (Unity)

Three Phase

$$\text{Watts} = \text{Volts} \times \text{Amps} \times \text{Power Factor} \times 1.732$$

$$\text{Amps} = \frac{\text{kW} \times 1000}{1.732 \times \text{V} \times \text{pf}}$$

Notes: 1 Kilowatt (kW) = 1000 Watts

Typical Power Factor for Three Phase is 0.8

Information provided is subject to change without notice. Contact your local Baldor District Office for additional information.