

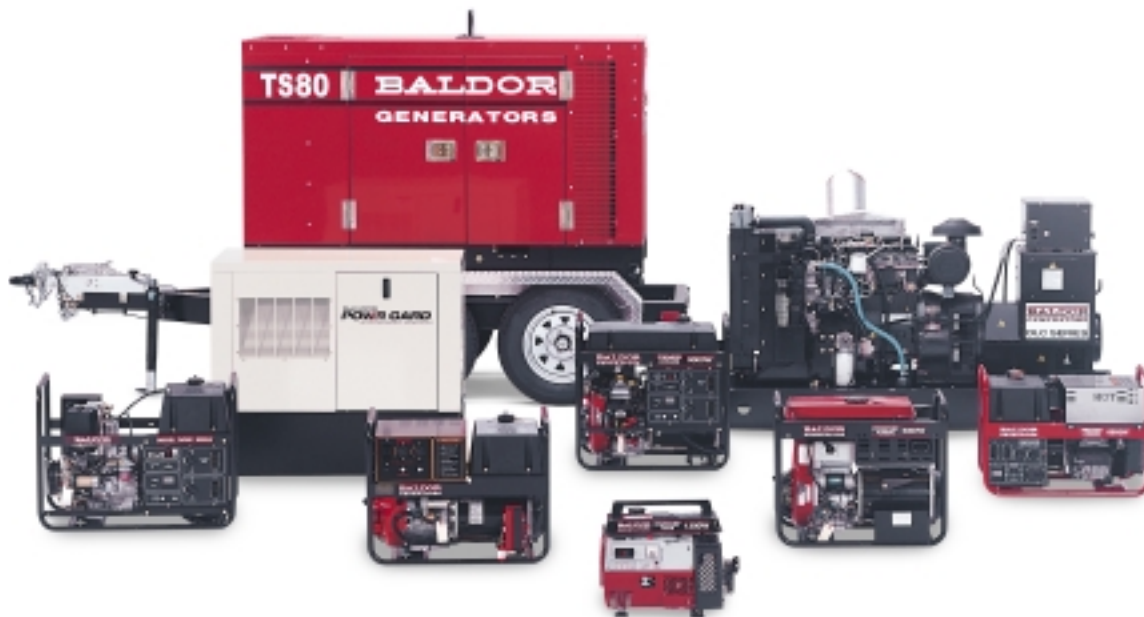
# Generator Stock Products Catalog

**BALDOR**  
**GENERATORS**

CA2400

Effective Date:  
July, 2003

- Portable
- Towable
- Automatic Emergency Standby
- Commercial/Industrial Standby



**BALDOR**<sup>®</sup>  
**GENERATORS**

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## BALDOR GENERATORS OWNER WARRANTY POLICY

**NOW AVAILABLE**  
5-Year Extended Warranty Plan  
Consult District Office

### LIMITED WARRANTY

Baldor Generators will repair or replace, free of charge, any part, or parts of the generator of their manufacture that are defective in material or workmanship or both. Transportation charges on parts submitted for repair or replacement shall be prepaid and added to the claim if failure is determined to be warrantable under this policy. Transportation costs on parts submitted are only covered to the nearest authorized Baldor Generator repair facility, the factory (if requested) and at no time includes air, sea or specialty costs unless pre-authorized. This warranty is effective for the time periods and subject to the conditions provided for in this policy to the original owner and is not transferable. For warranty service contact Baldor Generators' Customer Service Department at (920) 236-4200. THERE IS NO OTHER EXPRESS WARRANTY. IMPLIED WARRANTIES, INCLUDING THOSE OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, ARE LIMITED TO ONE YEAR FROM PURCHASE. ANY AND ALL OTHER IMPLIED WARRANTIES ARE EXCLUDED. LIABILITY FOR CONSEQUENTIAL DAMAGES UNDER ANY AND ALL WARRANTIES ARE EXCLUDED. Some states do not allow limitations on how long an implied warranty lasts and some states do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation and exclusion may not apply to you. This warranty gives you specific legal rights and you may also have other rights which vary from state to state.

### WARRANTY PERIOD

Generator Series	Labor*	Parts
Industrial Portables (Premier, Powerchief, Diesel)	1 Year	3 Years
Standby Systems 3600 R.P.M. (AE)	1 Year or 1000 Hours Whichever Comes First	3 Years or 1,000 hours
Standby Systems 1800 R.P.M. (AE, DLC, IDLC, GLC)	1 Year or 3000 Hours Whichever Comes First	3 Years or 3,000 hours
Towables (TS) Engineered Prime Power Gen Sets	1 Year or 3000 Hours Whichever Comes First	3 Years or 3,000 hours
Synchronous Generators (Two-Bearing and Single-Bearing)	1 Year	3 Years

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

**NO WARRANTY REGISTRATION CARD IS NECESSARY TO OBTAIN WARRANTY ON BALDOR GENERATORS.**

**YOU MUST SAVE THE PURCHASE RECEIPT. A PROOF OF PURCHASE DATE, SERIAL NUMBER AND MODEL NUMBER WILL BE REQUIRED FOR ALL WARRANTY REPAIR WORK.**



# Baldor Industrial Portable Generators

## 1300 through 11,000 Watts



K6500E



OHV85E

### Applications

Baldor portable generators are designed for many applications where emergency power is needed. The performance and durability of these generators has made them the “generator of choice” for industrial applications. Baldor brushless two-pole generators are manufactured to the highest quality specifications in the market today.

### Features

Baldor portable generators provide a “Switchless Full Pow’R” feature, which eliminates the voltage power switch. Get 120 or 240 volts up to the maximum nameplate power rating. Units 3000 watts and above feature automatic idlers to reduce fuel consumption, as well as lower engine noise levels and extend engine life. The Focal Vibration System® virtually eliminates harmful vibration and increases generator life.

- Automatic idler reduces fuel consumption.
- Combination voltage output - 120V and/or 240V. No “Power Switch” required.
- Focal vibration system reduces vibration, extends life and eliminates “Floor Walking”.
- Hourmeter

## Premier (Full Featured)

Catalog Number <sup>①</sup>	Max. Watts	Cont. Watts	Fuel Capacity	Engine <sup>②</sup>	Engine Hp	Volts	List Price	Mult. Sym.	Approx. Shipping Weight
K3000	3000	2500	2.8 Gal.	Kohler	6	120 VAC/12 VDC	\$1,267	GS	121
OHV30	3000	2500	2.8 Gal.	Honda	5.5	120 VAC	1,365	GS	121
R30	3000	2500	3.2 Gal.	Robin	5.5	120 VAC	1,322	GS	125
R45	4500	4000	4.4 Gal.	Robin	8.0	120/240 VAC	1,868	GS	187
R45E	4500	4000	4.4 Gal.	Robin	8	120/240 VAC	2,475	GS	180
K5000	5000	4500	4.4 Gal.	Kohler	8.5	120/240 VAC/12 VDC	1,993	GS	187
K5000E	5000	4500	4.4 Gal.	Kohler	8.5	120/240 VAC/12 VDC	2,100	GS	193
OHV50H	5000	4000	4.6 Gal.	Honda	9.0	120/240 VAC	2,117	GS	189
OHV60	6000	5000	4.6 Gal.	Honda	11.0	120/240 VAC	2,522	GS	214
OHV60E	6000	5000	4.6 Gal.	Honda	11.0	120/240 VAC	2,958	GS	226
R60	6000	5000	4.4 Gal.	Robin	11.0	120/240 VAC	2,382	GS	213
R60E	6000	5000	4.4 Gal.	Robin	11.0	120/240 VAC	2,750	GS	223
K6500	6500	6000	4.4 Gal.	Kohler	12	120/240 VAC/12 VDC	2,452	GS	200
K6500E	6500	6000	4.4 Gal.	Kohler	12	120/240 VAC/12 VDC	2,675	GS	225
OHV85E	9000	8000	5.8 Gal.	Vanguard	16.0	120/240 VAC	3,288	GS	251
OHV100E	10500	9500	5.8 Gal.	Vanguard	18.0	120/240 VAC	5,520	GS	316
OHV110E	11000	10000	5.8 Gal.	Honda	20.0	120/240 VAC	6,147	GS	340

**NOTES:** R45E, OHV60E, K5000E, R60E, K6500E, OHV85E, OHV100E and OHV110E have electric start and recoil start.

① Batteries are not included on any Electric Start Models.

② Proper engine maintenance is required. Engine warranty per manufacturer.

**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.

### WARRANTY

Three years parts, one year labor – See Baldor Generators Warranty Policy for details. Engine Warranty per the Engine Manufacturer.



PC13R



PC60HE

## Powerchief® Industrial Portable Generators (Maximum Value)

Baldor Generators are known for their reliable products. Baldor has developed a wide range of generators both full-featured and maximum value for construction use as well as emergency power. Powerchief has similar features as our Premier line, except do not have hourmeter, voltmeter or auto idler.

Catalog Number <sup>①</sup>	Max. Watts	Cont. Watts	Fuel Capacity	Engine	Engine Hp	Volts	List Price	Mult. Sym.	Approx. Shipping Weight
PC13R	1300	1000	4.3 Qt.	Robin	3.5	120 VAC/12 VDC	\$ 889	GS	63
PC30H	3000	2500	3.8 Qt.	Honda	5.5	120 VAC	1,073	GS	108
PC40H	4000	3500	4.6 Gal.	Honda	8	120/240 VAC	1,565	GS	135
PC50H	5000	4000	4.6 Gal.	Honda	9	120/240 VAC	1,715	GS	200
PC60H	6000	5000	4.6 Gal.	Honda	11	120/240 VAC	1,925	GS	207
PC60HE	6000	5000	4.6 Gal.	Honda	11	120/240 VAC	2,508	GS	213
PC90VE	9000	8000	4.6 Gal.	Vanguard	16	120/240 VAC	2,577	GS	232



PCM60RE

## Multi-Fuel Industrial Portable Generators

Multi-fuel generator suitable for operation on gasoline, LPG or natural gas fuel. *Ratings are based on gasoline.* Due to lower BTU fuel content, derate LPG approximately 10%, natural gas 20%.

Catalog Number <sup>①</sup>	Max. Watts	Cont. Watts	Fuel Capacity	Engine	Engine Hp	Volts	List Price	Mult. Sym.	Approx. Shipping Weight
PCM60RE	6000	5000	4.4 Gal.	Robin	11	120/240 VAC	\$2,699	GS	218
PCM90VE	9000	8000	4.6 Gal.	Vanguard	16	120/240 VAC	3,429	GS	232



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/farm applications where the generator remains on for extended periods of time.

Catalog Number <sup>①</sup>	Max. Watts	Cont. Watts	Fuel Capacity	Engine	Engine Hp	Volts	List Price	Mult. Sym.	Approx. Shipping Weight
DG3E	3300	3000	2.75 Gal.	Hatz	5.5	120/240 VAC	\$3,185	GS	175
DG6E	6000	5500	4.6 Gal.	Hatz	9.9	120/240 VAC	4,485	GS	254

**NOTES:** Proper engine maintenance is required. Engine warranty per manufacturer.

① "E" suffix denotes electric start.

**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 <sup>①</sup>	K3000	OHV30	R30	R45 or R45E	OHV50H	K5000 or K5000E	OHV60 or OHV60E	R60 or R60E	K6500 or K6500E	OHV85E	OHV100E	OHV110E
<b>Features</b>												
Switchless Full Pow'R				inc	inc	inc	inc	inc	inc	inc	inc	inc
AC Voltmeter	inc			inc	inc	inc	inc	inc	inc	inc	inc	inc
Hourmeter	inc	inc	inc	inc	inc	inc	inc	inc	inc	inc	inc	inc
AC Circuit Breakers	inc	inc	inc	inc	inc	inc	inc	inc	inc	inc	inc	inc
Low Oil Shutdown	inc	inc	inc	inc	inc	inc	inc	inc	inc	inc	inc	inc
Automatic Idler			inc	inc	inc	inc	inc	inc	inc	inc	inc	inc
Spark Arrestor Muffler	inc	inc	inc	inc	inc	inc	inc	inc	inc	inc	inc	inc
Extended Run Fuel Tank		inc	inc	inc	inc		inc	inc		inc	inc	inc
Tubular Roll Cage	inc	inc	inc	inc	inc	inc	inc	inc	inc	inc	inc	inc
Neoprene Isolators	inc	inc	inc	inc	inc	inc	inc	inc	inc	inc	inc	inc
Focal Vibration System (FVS)				inc	inc	inc	inc	inc	inc	inc	inc	inc
3-Year Warranty <sup>②</sup>	inc	inc	inc	inc	inc	inc	inc	inc	inc	inc	inc	inc
<b>Engine Model</b>												
	Kohler	Honda	Robin/ Subaru	Robin/ Subaru	Honda	Kohler	Honda	Robin/ Subaru	Kohler	Vanguard	Vanguard	Honda
Horsepower	6	5.5	5.5	8	9	8.5	11	11	12	16	18	20
Cylinder (S)	1	1	1	1	1	1	1	1	1	2	2	2
Lubrication System	Splash	Splash	Splash	Splash	Splash	Splash	Splash	Splash	Splash	Pressure	Pressure	Pressure
Displacement - CC	175	163	172	231	270	300	337	338	360	480	570	614
Starting Systems <sup>③</sup>				Recoil or 12 Volt with Recoil	Recoil	Recoil or 12 Volt with Recoil	Recoil or 12 Volt with 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
	Recoil	Recoil	Recoil									
<b>Rating</b>												
Max Rating	3000W	3000W	3000W	4500W	5000W	5000W	6000W	6000W	6500W	9000W	10500W	11000W
Rated	2500W	2500W	2500W	4000W	4000W	4500W	5000W	5000W	6000W	8000W	9500W	10000W
Volts	120VAC 12VDC	120VAC	120VAC	120/240VAC	120/240VAC	120/240VAC 12VDC	120/240VAC	120/240VAC	120/240VAC 12VDC	120/240VAC	120/240VAC	120/240VAC
Amps	20.8/8.3	20.8	20.8	33.3/16.7	33.3/16.7	37.5/18.7/8.3	41.6/20.8	41.6/20.8	50.0/25.0/8.3	66.7/33.4	79.2/39.6	83.3/41.6
db (A) @ 7 meters	70	69.9	66.9	70.9	73	72	72.4	72.8	70.5	75.4	75.3	78
<b>Receptacles</b>												
Straight(515R) 120V												
Straight(520R) 120V												
Straight(515R GFCI)120V												
Straight(520R GFCI)120V	2-20AMP	4-20AMP	4-20AMP	4-20AMP	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	1-30AMP	1-30AMP
Twist Lock(L1430R)120V												
Twist Lock(L1430R)120/240V				1-30AMP	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
<b>Other</b>												
Fuel Capacity (U.S. Gallons)	2.8	2.8	3.2	4.4	4.6	4.6	4.6	4.4	4.6	5.8	5.8	5.8
Operation Run Time/1 Tank	6-9hr	5-8hr	6-9hr	5-9hr	6-10hr	6-9hr	4-7hr	4.5-8hr	5-8hr	4-7hr	4-6hr	4-6hr
<b>Dimensions</b>												
Length	25.5"	25.5"	22.5"	27"	28"	29.06"	28"	27"	29.06"	28"	30"	30"
Width	17.90"	17.5"	15.75"	18.25"	20.5"	21.50"	20.5"	18.25" (20.25-R60E)	21.50"	21.5"	23"	23"
Height	18.0"	18.0"	20.5"	23.25"	22.25"	21.0"	22.25"	23.25"	21.0"	27.5"	28.5"	28.5"
Weight	117 lbs	112 lbs	110 lbs	170/177 lbs	170 lbs	191/198 lbs	192/206 lbs	195/200 lbs	208/215 lbs	224 lbs	270 lbs	270 lbs

**NOTES:** ① Due to our continuing effort for product improvement, specifications subject to change without notice.

② Engine warranty per manufacturer

③ Battery not included on electric start models.

**WARNING:** Do not connect generator to any building's electrical system unless a disconnect switch has been installed.

# Baldor Industrial Portable Generators

Powerchief Model <sup>①</sup>	PC13R	PC30H	PC40H	PC50H	PC60H or PC60HE	PC90VE
<b>Features</b>						
Switchless Full Pow'R	inc	inc	inc	inc	inc	inc
AC Voltmeter	inc					
DC Circuit Breakers	inc					
AC Circuit Breakers	inc	inc	inc	inc	inc	inc
Low Oil Shutdown	inc	inc	inc	inc	inc	inc
Spark Arrestor Muffler	inc	inc	inc	inc	inc	inc
Extended Run Fuel Tank			inc	inc	inc	inc
Tubular Roll Cage		inc	inc	inc	inc	inc
Neoprene Isolators	inc	inc	inc	inc	inc	inc
Focal Vibration System (FVS)			inc	inc	inc	inc
3-Year Warranty <sup>②</sup>	inc	inc	inc	inc	inc	inc
<b>Engine Model</b>						
	Robin/Subaru	Honda	Honda	Honda	Honda	Vanguard
Horsepower	3.5	5.5	8	9	11	16
Cylinder (S)	1	1	1	1	1	2
Displacement-CC	143	163	242	270	337	480
Starting Systems <sup>③</sup>	Recoil	Recoil	Recoil	Recoil	Recoil or 12V with Recoil	12 Volt with Recoil
<b>Rating</b>						
Max Rating	1300W	3000W	4000W	5000W	6000W	9000W
Rated	1000W	2500W	3500W	4000W	5000W	8000W
Volts	120VAC/12VDC	120VAC	120/240VAC	120/240VAC	120/240VAC	120/240VAC
Amps	8.3/8.3	20.8	29.2/14.6	33.3/16.7	41.6/20.8	66.7/33.4
db (A) @ 7 meters	65	69.9	73.5	73.3	72	76.1
<b>Receptacles</b>						
Straight (515R) 120V		1-20 AMP				
Straight (520R) 120V						
Straight (515R GFCI) 120V	2-20 AMP	2-20 AMP	2-20 AMP	2-20 AMP	2-20 AMP	2-20 AMP
Straight (520R GFCI) 120V						
Twist Lock (L530R) 120V			1-30 AMP	1-30 AMP	1-30 AMP	1-30 AMP
Twist Lock (L1430R) 120V						
Twist Lock (L1430R) 120/240V			1-30 AMP	1-30 AMP	1-30 AMP	1-30 AMP
Twist Lock (CS6369) 120/240V						
<b>Other</b>						
Fuel Capacity (U.S. Gallons)	4.3 qt	3.8 qt	4.6	4.6	4.6	4.6
Operational Run Time on 1 tankful	4 hr	1.5-2.3 hr	4-7 hr	6-10 hr	4-7 hr	3.2-5.6 hr
<b>Dimensions</b>						
Length	19.5"	22"	28"	28"	28"	28"
Width	11.5"	15.75"	20.5"	20.5"	20.5"	21.50"
Height	16.25"	16.5"	22.25"	22.25"	22.25"	21.0"
Weight	61 lbs	94 lbs	162 lbs	162 lbs	187/193 lbs	217 lbs

**NOTES:** ① Due to our continuing effort for product improvement, specifications subject to change without notice.

② Engine warranty per manufacturer

③ Battery not included on electric start models.

**WARNING:** Do not connect generator to any building's electrical system unless a disconnect switch has been installed.

# Baldor Industrial Portable Generators

Multi-Fuel Model <sup>①</sup>	PCM60RE <sup>④</sup>	PCM90VE <sup>④</sup>	Portable Diesel Model <sup>①</sup>	DG3E	DG6E
<b>Features</b>			<b>Features</b>		
Switchless Full Pow'r	inc	inc	Switchless Full Pow'r	inc	inc
AC Voltmeter			AC Voltmeter	inc	inc
DC Circuit Breakers			Hourmeter	inc	inc
AC Circuit Breakers	inc	inc	Low Oil Shutdown	inc	inc
Low Oil Shutdown	inc	inc	Spark Arrestor Muffler	inc	inc
Spark Arrestor Muffler	inc	inc	Extended Run Fuel Tank	inc	inc
Extended Run Fuel Tank	inc	inc	Tubular Roll Cage	inc	inc
Tubular Roll Cage	inc	inc	Neoprene Isolators	inc	inc
Neoprene Isolators	inc	inc	Focal Vibration System (FVS)	inc	inc
Focal Vibration System (FVS)	inc	inc	3-Year Warranty <sup>②</sup>	inc	inc
3-Year Warranty <sup>②</sup>	inc	inc	<b>Engine Model</b>	Hatz 1B30	Hatz 1B40
<b>Engine Model</b>	Robin/Subaru	Vanguard	Horsepower	5.5	9.9
Horsepower	11	16	Cylinder (S)	1	1
Cylinder (S)	1	2	Displacement - CC	346	461.9
Displacement - CC	338	480	Starting Systems <sup>③</sup>	12 Volt with Recoil	12 Volt with Recoil
Starting Systems <sup>③</sup>	12 Volt with Recoil	12 Volt with Recoil	<b>Rating</b>		
<b>Rating</b>			Max Rating	3300	6000
Max Rating	6000W	9000W	Rated	3000	5500
Rated	5000W	8000W	Volts	120/240 VAC	120/240 VAC
Volts	120/240 VAC	120/240 VAC	Amps	25/12.5	45.8/22.9
Amps	41.6/20.8	66.7/33.4	<b>Receptacles</b>		
db (A) @ 7 meters	73.8	75.8	Straight (520R) 120V		
<b>Receptacles</b>			Straight (515R GFCI) 120V	2-20 AMP	4-20 AMP
Straight (515R) 120V			Straight (520R GFCI) 120V		
Straight (520R) 120V			Twist Lock (L530R) 120V	1-30 AMP	1-30 AMP
Straight (515R GFCI) 120V	2-20 AMP	2-20 AMP	Twist Lock (L1430R) 120V/240		1-30 AMP
Straight (520R GFCI) 120V			Twist Lock (L1420R) 120V		
Twist Lock (L530R) 120V		1-30 AMP	Twist Lock (L1420R) 120/240V	1-20 AMP	
Twist Lock (L1430R) 120V			<b>Other</b>		
Twist Lock (L1430R) 120/240V	1-30 AMP	1-30 AMP	Fuel Capacity (U.S. Gallons)	2.75	4.6
Twist Lock (CS6369) 120/240V			Operational Run Time on 1 tankful	9 hr	4.6-6 hr
<b>Other</b>			<b>Dimensions</b>		
Fuel Capacity (U.S. Gallons)	4.4	4.6	Length	24.5"	32"
Operational Run Time on 1 tankful	4.5-8 hr	3.2-5.6 hr	Width	18.5"	20.5"
<b>Dimensions</b>			Height	21.75"	23.75"
Length	27"	28"	Weight	172 lbs	246 lbs
Width	18.25"	21.50"			
Height	20.25"	21.0"			
Weight	200 lbs	217 lbs			

**NOTES:** ① Due to our continuing effort for product improvement, specifications subject to change without notice.

② Engine warranty per manufacturer

③ Battery not included on electric start models.

**WARNING:** Do not connect generator to any building's electrical system unless a disconnect switch has been installed.

④ Multi-fuel generator suitable for operation on gasoline, LPG or natural gas fuel. Note: Ratings are based on gasoline.

Due to lower BTU content, derate LPG approximately 10%, natural gas 20%. (Use LPG and Natural Gas for stationary applications only --in compliance with EPA emission regulations).



TS80T

## Industrial Towable Generators

### Application

Industrial towable generators are designed and engineered for superior reliability, versatility, durability and safety. From the ultra quiet sound attenuated enclosures (64-71 dba) and precision generator sets 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<sup>①</sup>. 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.

### Features

- Available with or without the trailer.
- Available from 25KVA/20kW-175KVA/140 kW
- Manual or Automatic Start – Automatic remote start is standard on all units. When interfaced with an automatic transfer switch, the unit becomes an emergency standby system.
- Voltage Selections – Three-position switch: 120/240 V, 1 and 3 phase Delta Connection; 120/208V, 3 ph Low Wye Connection and 277/480V, 3 ph Hi Wye Connection.
- Large Integral Fuel Tank – Stays with the unit eliminating messy interconnections between unit and trailer.
- Fuel Water Separators – Protects the engine from water and other contaminants.
- Lifting Eye – Single point removable lifting eye is standard.
- Cold Weather Starting – Provides ease of starting in cold weather.
- Safety Features – Water temperature shutdown, low oil shutdown, overspeed shutdown, overcrank lockout.
- Full Featured Control Panel – Operator controls, metering, voltage reconnection switch, voltage regulator and receptacles are located behind one lockable control panel door.
- Extra Large Access Doors – Doors are lockable and have heavy-duty hinges and handles.
- World-class components backed by a world-wide network of parts and service.

## Industrial Standby (with trailer or without)

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 Weight
TS25S	18/18	25/20	25/20	120/240	208/240/480	Isuzu	50 Gal.	\$18,362	GS	1790
TS25T	18/18	25/20	25/20	120/240	208/240/480	Isuzu	50 Gal.	19,622	GS	2265
TS45S	27/27	46/37	48/38	120/240	208/240/480	Isuzu	80 Gal.	25,112	GS	2829
TS45T	27/27	46/37	48/38	120/240	208/240/480	Isuzu	80 Gal.	27,990	GS	3540
TS80S	45/45	72/58	81/65	120/240	208/240/480	John Deere	80 Gal.	30,332	GS	3053
TS80T	45/45	72/58	81/65	120/240	208/240/480	John Deere	80 Gal.	33,213	GS	3848
TS130S	70/70	131/105	134/107	120/240	208/240/480	John Deere	160 Gal.	49,052	GS	4610
TS130T	70/70	131/105	134/107	120/240	208/240/480	John Deere	160 Gal.	52,652	GS	5600
TS175S	80/80	169/135	175/140	120/240	208/240/480	John Deere	160 Gal.	55,532	GS	5205
TS175T	80/80	169/135	175/140	120/240	208/240/480	John Deere	160 Gal.	59,132	GS	6200

**NOTE:** <sup>①</sup> Batteries are not included on any Electric Start Models.  
 "S" suffix – denotes skid mount, no trailer; "T" suffix – denotes with trailer.

# Baldor Towable Generators

Model <sup>①</sup>	TS25T	TS45T	TS80T	TS130T	TS175T
<b>Engine</b>	Isuzu	Isuzu	John Deere	John Deere	John Deere
<b>Standby Output - 150°C Rise (KVA/kW)</b>					
3 ph @ 480 Volt	25/20	48/38	81/65	134/107	175/140
3 ph @ 208/240 Volt	25/20	46/37	72/58	131/105	169/135
1 ph @ 240 Volt	18/18	27/27	45/45	70/70	80/80
<b>Continuous Output - 125°C Rise (KVA/kW)</b>					
3 ph @ 480 Volt	23/18	44/35	75/60	121/97	169/135
3 ph @ 208/240 Volt	23/18	44/35	69/55	119/95	156/125
1 ph @ 240 Volt	18/18	25/25	43/43	66/66	75/75
<b>Voltage Selections</b>					
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
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
3-Phase Power Factor	0.8	0.8	0.8	0.8	0.8
Voltage Regulation	1/2%	1/2%	1/2%	1/2%	1/2%
Frequency	50 or 60 Hz.	50 or 60 Hz.	50 or 60 Hz.	50 or 60 Hz.	50 or 60 Hz.
Total Harmonic Distortion	<5%	<5%	<5%	<5%	<5%
Insulation Material	Class F	Class F	Class F	Class F	Class F
<b>Amperage (Continuous):</b>					
3 ph 480 Volt	27.1	52.6	90.2	145.8	203.0
3 ph 208 Volt	62.5	121.4	190.8	329.6	433.7
3 ph 240 Volt	54.1	105.3	165.4	285.7	375.9
Single phase amperage @ 240V/120V	75.0/150.0	104.2/208.3	179.2/358.3	275/550	312.5/625.0
<b>Engine Specifications</b>					
Model	4LE	4BG1	T04045T	T06068	RG6081T
Cylinders	4	4	4	6	6
Induction System	Nat Aspirated	Nat Aspirated	Turbocharged	Turbocharged	Turbocharged
Displacement, Liter/Cu. In.	2.2L/133	4.3L/264.2	4.5/276	6.8L/414	8.1L/496
Hp @ Rated Speed	34.5	64	100	166	211
RPM	1800	1800	1800	1800	1800
Bore and Stroke	3.34"x3.78"	4.13"x4.92"	4.19"x5.0"	4.19"x5.0"	4.56"x5.06"
Oil capacity (with filter)	8.6 quarts	13.7 quarts	14 quarts	18 quarts	33 quarts
<b>Cooling</b>	Liquid	Liquid	Liquid	Liquid	Liquid
Battery recommendation (min cold cranking amps)	750	900	900	(2) 750	(2) 750
Battery Rack and Cable Suppl. (battery not included)					
<b>Receptacle Specifications</b>					
120 Volt 15 Amp GFCI	4	6	6	6	6
120/240 Volt CS6369 Twistlock	2	3	3	3	3
Two Wire Remote Start Capability	inc	inc	inc	inc	inc
<b>Fuel System Specifications (Diesel)</b>					
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)
Approximate Run Time (Hours) 1/2 load/(full load)	38/(25)	40/(24)	30/(16)	38/(20)	29/(15)
Fuel Capacity (Ga.)	50	80	80	160	160
<b>Sound Level dB(A) @ 7 meters, full load</b>	64	67	67	71	71
Dimensions (LxWxH) w/trailer	123"x62"x70"	139"x60"x81"	139"x60"x81"	163"x66"x94"	163"x66"x94"
Dimensions (LxWxH) without/trailer	74"x38"x52"	84"x38"x61"	84"x38"x61"	108"x42"x74"	108"x42"x74"
Weight without Fuel	2265	3540	3848	5600	6200
Weight without Fuel and without Trailer	1790	2829	3053	4610	5205

**NOTES:** Engine, Generator Instrumentation (ALL) -- Voltmeter, ammeter, frequency meter, phase selector switch, oil pressure gauge, water temp gauge, battery voltmeter, start/stop/auto switch, voltage adjusting rheostat, elapsed time meter, individual fault shutdown lights, panel lights with switch, receptacle panel.

Standby Rating: applicable for supplying emergency power for the duration of a utility power outage. Primary power to the installation is utility supplied. No overload capability for standby rating. Standby ratings in accordance with ISO 3046, BS55114, DIN 6271.

Continuous Power Rating: is the maximum power available for continuous duty. A 10% overload capacity is available for 1 hour out of 12 hours of operation. Manufacturer 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.



DLC125-JD

## Open Industrial Agricultural Standby Generators DLC (Diesel Liquid Cooled)

### Application

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, 911 emergency operations. Rugged and reliable, these units are designed for use in many applications requiring a standby power supply. Contact your local District Office.

### Features

- All DLC generators are prototype engineered, factory built and production tested.
- Ratings from 30 kW to 130 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<sup>①</sup>
- 100% full load tested
- John Deere or Perkins diesel engine.
- Full status monitor provides system monitoring in the event of low oil pressure, high coolant temperature, overspeed and overcrank.
- Direct fuel line connections for use with existing tanks or provisions for optional sub-base tank.
- 1800 RPM, 60 HZ, single phase, 4 lead generators. (3 phase voltages, available as option).
- 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.

## DLC Industrial Generators

Catalog Number	Kilowatt (kW) Rating	Engine	Engine Hp	Volts <sup>②</sup>	List Price	Mult. Sym.	App. Shp. Weight
DLC30-JD	30	John Deere	46	120/240 VAC	\$10,635	GS	745
DLC50-JD	50	John Deere	64	120/240 VAC	12,053	GS	1864
DLC60-P	60	Perkins	86	120/240 VAC	12,812	GS	1974
DLC70-JD	70	John Deere	90	120/240 VAC	14,628	GS	2124
DLC75-P	75	Perkins	113	120/240 VAC	14,460	GS	2035
DLC100-JD	100	John Deere	134	120/240 VAC	17,690	GS	2402
DLC100-P	100	Perkins	161	120/240 VAC	16,294	GS	2260
DLC125-JD	125	John Deere	165	120/240 VAC	21,555	GS	2788
DLC130-P	130	Perkins	206	120/240 VAC	21,985	GS	3040

**NOTE:** <sup>①</sup> Batteries are not included on any Electric Start Models.

<sup>②</sup> Single phase voltage output on these models. Three phase voltages available. Contact local office for additional information.

"JD" suffix – denotes John Deere engine; "P" suffix – denotes Perkins engine

### NEW – 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)

Model①	DLC30-JD	DLC50-JD	DLC60-P	DLC70-JD	DLC75-P	DLC-100-P	DLC100-JD	DLC125-JD	DLC130-P
<b>DLC Generator w/ind. Grade Silencer, PowerPac 4 Controller, Bat. Rack/Cables, Engine Block Htr.</b>	STD	STD	STD	STD	STD	STD	STD	STD	STD
Engine	John Deere 4045DF150	John Deere 4045TF150	Perkins 1004-40T	John Deere 4045TF150	Perkins 1004-40T	Perkins 1006-6T	John Deere 4045HF150	John Deere 6081HF001	Perkins 1006-6TA
Engine Horsepower	46	64	86	90	113	161	134	165	206

## Options List Price

Model①	DLC30-JD	DLC50-JD	DLC60-P	DLC70-JD	DLC75-P	DLC-100-P	DLC100-JD	DLC125-JD	DLC130-P
<b>Enclosure Installed</b>									
Weather Protective Enclosure (with Critical Silencer & Flex) (Mounted)	\$1893	\$1893	\$1893	\$2410	\$2410	\$2410	\$2410	\$2880	\$2880
<b>Silencer OPEN Unit</b>									
Critical Grade (Ship Loose)	327	327	327	390	390	390	390	721	721
Exhaust Flex (Ship Loose)	88	88	88	88	88	88	88	135	135
<b>Fuel System</b>									
Flexible Fuel Lines	82	82	82	82	82	82	82	133	133
<b>Single Wall Sub-Base Fuel Tank</b>									
50 gal. Sub-Base, 13 hours	1986	1986	1986						
65 gal. Sub-Base, 12 hours				2131	2131				
80 gal. Sub-Base, 12 hours						2311	2311		
100 gal. Sub-Base, 27 hours	2222	2222	2222					2459	2459
130 gal. Sub-Base, 24 hours				2391	2391				
155 gal. Sub-Base, 24 hours						2566	2566		
200 gal. Sub-Base, 24 hours								2672	2672
<b>Double Wall UL-142 Sub-Base Tank</b>									
50 gal. Sub-Base, 13 hours	2659	2659	2659						
65 gal. Sub-Base, 12 hours				2725	2725				
80 gal. Sub-Base, 12 hours						3157	3157		
100 gal. Sub-Base, 27 hours	2927	2927	2927					3255	3255
130 gal. Sub-Base, 24 hours				2978	2978				
155 gal. Sub-Base, 24 hours						3450	3450		
200 gal. Sub-Base, 24 hours								3607	3607
<b>Electrical System (Ship Separate)</b>									
EA0010A02SP 6 A. Batt. Chrgr (Float/EQ)	190	190	190	190	190	190	190	190	190
EA0006A17 10 A. Batt. Chrgr (Float/EQ)	570	570	570	570	570	570	570	570	570
80 Watt Battery Heater	225	225	225	225	225	225	225	225	225
200 Watt Alternator Strip Heater	95	95	95	95	95	95	95	95	95
<b>Circuit Breakers-Wall Mount-3 Pole, NEMA 3R Enclosure, Neutral Kit (Ship Separate)</b>									
CK5019A00---40 Amp Main Line	680								
CK5017A00---60 Amp Main Line	680								
CK5013A00---70 Amp Main Line	712								
CK5012A00---80 Amp Main Line		712							
CK5016A00---90 Amp Main Line	712								
CK5001A00---100 Amp Main Line			719						
CK5015A00---125 Amp Main Line				1008	1008				
CK5002A00---150 Amp Main Line		1025				1025	1025		
CK5014A00---175 Amp Main Line		1084							
CK5008A00---200 Amp Main Line			1084						
CK5005A00---225 Amp Main Line		1084	1084						
CK5006A00---250 Amp Main Line			1362	1362					
CK5007A00---300 Amp Main Line				1998	1998	1998	1998		
CK5004A00---350 Amp Main Line				1998	1998	1998	1998		
CK5003A00---400 Amp Main Line								1998	1998
CK5010A00---450 Amp Main Line						2839	2839		
CK5011A00---500 Amp Main Line								2839	2839
CK5009A00---600 Amp Main Line								2839	2839
<b>Controller Accessories</b>									
Electronic (Isochronous) Governor	496	496	496	496	496	690	690	Standard	Standard
<b>Battery</b>									
Batteries not Included									
<b>Miscellaneous</b>									
CSA Certification (3-6 Month Leadtime)	182	182	182	182	182	182	182	182	182
Additional Operator & Maintenance Manuals	68	68	68	68	68	68	68	68	68

**NOTES:** ① Single Phase voltage output on these models. Three phase alternators available. Contact local office for additional information.

# Automatic Emergency (AE) Standby Generators



AE25-E

## Application

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

## Features

The Automatic Emergency (AE) product line consists of 8-25kW, standby electrical power-generating units. When used with an automatic transfer switch (ATS), these units continuously monitor the electrical current in your home, office or business and start up automatically if the utility power supply is interrupted, and they shut themselves off when utility service is returned<sup>①</sup>.

- Natural Gas/LP units are available.
- Attractive Design – Aesthetically pleasing after installation.
- Fully Automatic System – The system will operate even when you are not there.
- Convenient Fuel Source – Runs on your existing fuel supply (natural gas or liquid propane).
- Weekly Exerciser – Starts and runs unit to check for operation readiness.
- 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 – Has weatherproof enclosure constructed of heavy gauge steel and has special sound insulation to reduce operating noise (69-71 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 (Open and Enclosed)

Catalog Number	Max. kW LPG	Max kW Nat. Gas <sup>②</sup>	Engine	Engine Hp	Volts	List Price	Mult. Sym.	Approx. Weight
AE8-O	8	7.2	Vanguard	16	120/240 VAC	\$3,749	AE	255
AE8-E	8	7.2	Vanguard	16	120/240 VAC	4,999	AE	463
AE10-O	10	9	Vanguard	18	120/240 VAC	5,196	AE	316
AE10-E	10	9	Vanguard	18	120/240 VAC	6,325	AE	509
AE12-O	12	10.8	Onan	24	120/240 VAC	6,813	AE	405
AE12-E	12	10.8	Onan	24	120/240 VAC	8,486	AE	621
AE25-E-NG	–	22.5	Ford	40	120/240 VAC	15,885	AE	1450
AE25-E-LP	25	–	Ford	40	120/240 VAC	15,885	AE	1450

**NOTES:** <sup>①</sup> Batteries are not included on any Electric Start Models.

<sup>②</sup> Derated 10% for Natural Gas

Please add applicable automatic transfer switch to unit price. See options. All models are electric start. Installation should be performed by licensed and bonded installer. Follow local and national electrical codes for proper installation.

“O” suffix – is open enclosure. “E” suffix – is enclosed enclosure.

For additional ratings, contact your Baldor District Office.

# Baldor Automatic Emergency (AE) Generators

Model	AE8-E	AE10-E	AE12-E	AE25-E (NG/LP)
Engine	Vanguard	Vanguard	Onan	Ford
Rating (60 Hz) 1	8kW	10kW	12kW	25kW
Fuel	LP/Nat Gas	LP/Nat Gas	LP/Nat Gas	LP/Nat Gas
Voltage (1 Phase)	120/240	120/240	120/240	120/240
Voltage (3 Phase)	N/A	208/240/480	208/240/480	208/240/480
Power Factor	1	1	1	1(1ph) & 0.8(3ph)
Amps (1 Phase)	66.8/33.4	83.4/41.7	100/50	208.4/104.2
Amps (3 Phase)	N/A	27.8/24.1/12.0	33.3/28.9/14.4	86.7/75.2/37.6
Voltage Regulation (±)(1 & 3 Phase)	5%	1%	1%	1%
Frequency Regulation (±) (1 & 3 Phase)	5%	5%	5%	1%

## Engine Specifications

Model	303447	350447	P-224	LRG-425
Horsepower	16	18	24	40
Cylinders	2	2	2	4 in-line
Cycle	4-stroke	4-stroke	4-stroke	4-stroke
Induction System	Nat aspirated	Nat aspirated	Nat aspirated	Nat aspirated
Displacement, CC (cu.in.)	480 (29.3)	570 (34.8)	983 (60.0)	
Displacement, L (cu.in.)				2.5L (153 cu. in.)
Oil capacity (with filter)	3.5 pints	3.5pints	3 quarts	4.5 quarts
Cooling	Air	Air	Air	Liquid
Battery recommendation (min cold cranking amps)	300	300	300	750

## Alternator Specifications

Manufacturer	Baldor	Baldor	Baldor	Baldor
Type	4p/revolving field	4p/revolving field	4p/revolving field	4p/revolving field
Leads	4	4	4	4
Voltage Regulator	AVR	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
Coupling Type	Flexible Disk	Flexible Disk	Flexible Disk	Flexible Disk
One Step load Acceptance	100% of Rating	100% of Rating	100% of Rating	100% of Rating

## Control Features

Low oil pressure & overcrank	inc	inc	inc	inc
Shutdown with indicator lights	inc	inc	inc	inc
Circuit breaker protection	inc	inc	inc	inc
Remote start-stop connection	inc	inc	inc	inc

## Engine Features

Spin-on oil filter	inc	inc	inc	inc
Electronic governor for accurate freq. reg.				inc
Thermostat controlled cooling system				inc
12V starter (battery not included)	inc	inc	inc	inc

## Natural Gas or LP Operation

DBA	71	70	70	69
Dimensions (LxWxH) w/enclosure	44.5x29x36.75	44.5x29x36.75	44.5x29x38.75	72x31.5x34
Weight (net)	445 lbs	445 lbs	585 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. Primary power to the installation is utility supplied.

Single phase units are rated at 1.0 (unity) power factor. Manufacturer reserves the right to implement specifications or design changes without notice.

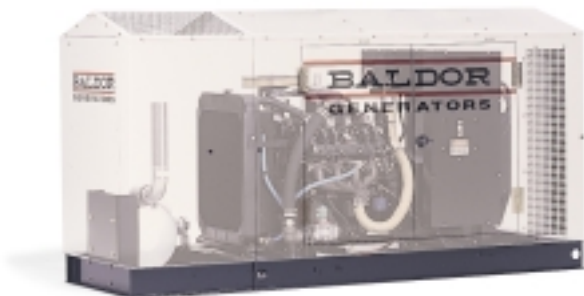
Derate 10% for natural gas.

**WARNING:** Do not connect generator to any building's electrical system unless a disconnect switch has been installed.

# Industrial Gaseous Standby Generators (Gaseous Liquid Cooled)

## Application

The Baldor GLC power generation systems are Gaseous Liquid Cooled generators, which operate from Natural Gas or LP gas and provide reliable standby power for industrial and commercial (telecommunications, banking, medical, nursing homes, schools, etc.) applications including peak shaving and interruptible rate opportunities. 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.



GLC60

## Features

- All GLC generators are prototype engineered, factory built and production tested.
- Ratings from 30kW to 125kW (Larger GLC ratings up to 880 kW available—contact District Office for details)
- Designed to UL2200
- Heavy Duty Gaseous GM Industrial engine
- Electronic governor
- 12V DC electric start<sup>①</sup>
- Solid state controls feature full adjustability for maximum flexibility
- Prototype tested per NFPA 110
- Emergency stop switch
- 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	Kilowatt (kW) Rating	Engine	Engine Hp	VAC <sup>②</sup> 1 Phase	VAC <sup>②</sup> 3 Phase	List Price	Mult. Sym.
GLC30	30	GM V6 (4.3L)	75	120/240	120/240/480	\$13,472	GS
GLC35	35	GM V6 (4.3L)	75	120/240	120/240/480	14,136	GS
GLC45	45	GM V6 (4.3L)	75	120/240	120/240/480	15,452	GS
GLC50	50	GM V8 (5.7L)	105	120/240	120/240/480	17,127	GS
GLC60	60	GM V8 (5.7L)	105	120/240	120/240/480	17,912	GS
GLC80	80	GM V8 (8.1L)	150	120/240	120/240/480	22,593	GS
GLC100	100	GM V8 (8.1L)	162	120/240	120/240/480	23,946	GS
GLC125	125	GM V8 (8.1L)	193	120/240	120/240/480	29,995	GS

**NOTES:** <sup>①</sup> Batteries not included on any electric start models.  
<sup>②</sup> Specify Single or Three Phase voltage when ordering. For ratings and voltages not listed above consult your District Office.

**Baldor Generators offers industrial natural gas generators up to 880kW. These units are available with various enclosures, features and options. Consult your District Office for more information.**

## GLC (Gaseous Liquid Cooled) (Natural Gas or LPG)

Model		GLC30	GLC35	GLC45	GLC50	GLC60	GLC80	GLC100	GLC125
	<b>Engine</b>	GM 4.3L	GM 4.3L	GM 4.3L	GM 5.7L	GM 5.7L	GM 8.1L	GM 8.1L	GM 8.1L
All	<b>GLC Generator w/residential Grade Silencer, (Ship loose), Thompson MEC20 Digital Controller (Includes Common Fail Relay Kit), Battery Rack &amp; Cables, Electronic (Isochronous) Governor, Generator Breaker (Mounted), Emergency Stop Switch</b>	STD	STD	STD	STD	STD	STD	STD	STD

### Options List Price

Part No.	Description	GLC30	GLC35	GLC45	GLC50	GLC60	GLC80	GLC100	GLC125
	<b>Enclosure Installed</b>								
Custom	Weather-Protective Enclosure w/critical grade Silencer (Mounted)	2529	2529	2529	2529	2529	2941	2941	2941
Custom	Sound Attenuated Enclosure w/residential grade Silencer (Mounted)	4902	4902	4902	6176	6176	6176	6176	6176
	<b>Silencer (open unit)</b>								
Custom	Industrial Grade (Ship Loose)	202	202	202	202	202	309	309	309
Custom	Critical Grade (Ship Loose)	361	361	361	361	361	432	432	432
Custom	Exhaust Flex (Ship Loose)	88	88	88	88	88	88	135	135
	<b>Cooling System</b>								
Custom	1500 Watt Block Heater	251	251	251	251	251	251	251	251
Custom	Radiator Duct Flange (Open Units Only)	74	74	74	74	74	74	74	74
	<b>Fuel System</b>								
Custom	Flexible Fuel Lines	82	82	82	82	82	82	133	133
Custom	Fuel Strainer (Natural Gas Units)	48	48	48	48	48	48	48	48
	<b>Electrical System</b>								
EA0010A02SP	6 Amp Battery Charger (Float/EQ) (Ship Separate)	190	190	190	190	190	190	190	190
EA0006A17	10 Amp Battery Charger (Float/EQ) (Ship Separate)	570	570	570	570	570	570	570	570
Custom	80 Watt Battery Heater	225	225	225	225	225	225	225	225
Custom	200 Watt Alternator Strip Heater	95	95	95	95	95	95	95	95
	<b>Circuit Breakers - Wall Mount - 3 pole, NEMA -3R Enclosure, Neutral Kit (Ship Separate)</b>								
CK5018A00	50 Amp Main Line	680							
CK5017A00	60 Amp Main Line		680						
CK5013A00	70 Amp Main Line			712					
CK5012A00	80 Amp Main Line				712				
CK5016A00	90 Amp Main Line	712							
CK5001A00	100 Amp Main Line	719	719			719			
CK5015A00	125 Amp Main Line	1008	1008				1008		
CK5002A00	150 Amp Main Line		1025	1025	1025			1025	1025
CK5014A00	175 Amp Main Line			1084	1084				
CK5008A00	200 Amp Main Line			1080	1080	1080			
CK5005A00	225 Amp Main Line					1080			
CK5006A00	250 Amp Main Line					1362	1362		
CK5007A00	300 Amp Main Line						1998	1998	1998
CK5004A00	350 Amp Main Line						1998	1998	1998
CK5010A00	450 Amp Main Line							2839	2839
CK5009A00	600 Amp Main Line								3219
	<b>Controller Accessories</b>								
Custom	Analog Gauges	450	450	450	450	450	450	450	450
Custom	Run Relay Kit	49	49	49	49	49	49	49	49
EB2017A00	Remote Alarm Annunciator (Ship Separate)	761	761	761	761	761	761	761	761
	<b>Miscellaneous</b>								
Custom	CSA Certification	182	182	182	182	182	182	182	182
Custom	Additional Operator & Maintenance Manuals	68	68	68	68	68	68	68	68

# Options

## General Options

Catalog No.	Option	Available for Models	List Price
PGD2	2 Wheel Pneumatic Dolly Kit	Premier, Powerchief & Diesel Models only – 4500 - 9000 watts	\$ 193
PGD4	4 Wheel Pneumatic Dolly Kit	Premier, Powerchief & Diesel Models only – 4500 - 11,000 watts	253
Custom	Block Heater Tank Type w/Thermostat	All Towables	469
EA0010A02SP	AC Battery Charger 12 Volt, 6 Amp Regulated, Semi-float, Shipped Loose	All Towables	190
CT5000A00SP	Home Power Connection Kit: GenTran Manual Transfer Switch, 8 Circuit, 30 Amp Extension Cord Rain tight Power Inlet Box 2 Wheel Dolly Kit	Premier, Powerchief and Diesel Models only 4500 watts thru 11,000 watts	1,062
CT5000A01SP	Gen Tran Manual Transfer Switch 12 Circuit, 50 Amp Extension Cord 50 Amp Power Cord Rain tight Power Inlet Box 2 Wheel Dolly Kit	Premier, Powerchief and Diesel Models Only 4500 Watts thru 11,000 Watts	1,176

## Options – Multi-Fuel Generators

SE0052A00SP	Electric Fuel Solenoid	PCM90VE	\$145
TA0001A14	Fuel Lock Off Kit (Factory Installed Only) Custom	PCM60RE	183

## Automatic Emergency Standby Generators

Catalog Number	Option	Available for Models	Amperage Rating	List Price
EA0010A02SP	AC Battery Charger, 12 Volt, 6 amp, Regulated, Semi-Float, Shipped Loose	All	6 Amp	\$190
Custom	Water Jacket Heater	AE25-E	N/A	399
Custom	3 Phase Output	AE10, AE12	N/A	875

## Residential Transfer Switches for Standby Generators

### ASCO 165 Series

Amps	Catalog No.	Description	List Price
100	95.75100	100 Amp, 2 Pole, 240 Volt, NEMA-1 Enclosure	\$1,085
	95.75101	100 Amp, 2 Pole, 240 Volt, NEMA-3R Enclosure	1,294
200	95.75200	200 Amp, 2 Pole, 240 Volt, Nema-1 Enclosure	1,878
	95.75201	200 Amp, 2 Pole, 240 Volt, Nema-3R Enclosure	2,003
400	95.70400	400 Amp, 2 Pole, 240 Volt, Nema-1 Enclosure	3,268
	95.70401	400 Amp, 2 Pole, 240 Volt, Nema-3R Enclosure	4,103

### Zenith ZTX Series

100	95.50100	100 Amp, 2 Pole, 240 Volt, Nema-1 Enclosure	\$1,113
	95.50101	100 Amp, 2 Pole, 240 Volt, Nema-3R Enclosure	1,520
	95.50102	100 Amp, 3 Pole, 240 Volt, Nema-1 Enclosure	1,600
	95.50103	100 Amp, 3 Pole, 208 Volt, Nema-1 Enclosure	
	95.50104	100 Amp, 3 Pole, 480 Volt, Nema-1 Enclosure	1,722
	95.50112	100 Amp, 3 Pole, 240 Volt, Nema-3R Enclosure	
	95.50113	100 Amp, 3 Pole, 208 Volt, Nema-3R Enclosure	
95.50114	100 Amp, 3 Pole, 480 Volt, Nema-3R Enclosure		
200	95.50200	200 Amp, 2 Pole, 240 Volt, Nema-1 Enclosure	1,877
	95.50201	200 Amp, 2 Pole, 240 Volt, Nema-3R Enclosure	2,117
	95.50202	200 Amp, 3 Pole, 240 Volt, Nema-1 Enclosure	2,403
	95.50203	200 Amp, 3 Pole, 208 Volt, Nema-1 Enclosure	
	95.50204	200 Amp, 3 Pole, 480 Volt, Nema-1 Enclosure	2,537
	95.50212	200 Amp, 3 Pole, 240 Volt, Nema-3R Enclosure	
	95.50213	200 Amp, 3 Pole, 208 Volt, Nema-3R Enclosure	
	95.50214	200 Amp, 3 Pole, 480 Volt, Nema-3R Enclosure	
400	95.50400	400 Amp, 2 Pole, 240 Volt, Nema-1 Enclosure	3,774
	95.50401	400 Amp, 2 Pole, 240 Volt, Nema-3R Enclosure	4,158
	95.50402	400 Amp, 3 Pole, 240 Volt, Nema-1 Enclosure	3,966
	95.50403	400 Amp, 3 Pole, 208 Volt, Nema-1 Enclosure	
	95.50404	400 Amp, 3 Pole, 480 Volt, Nema-1 Enclosure	4,350
	95.50412	400 Amp, 3 Pole, 240 Volt, Nema-3R Enclosure	
	95.50413	400 Amp, 3 Pole, 208 Volt, Nema-3R Enclosure	
	95.50414	400 Amp, 3 Pole, 480 Volt, Nema-3R Enclosure	

# Generator Selection Guide

A fundamental exercise in selecting an engine-driven generator is to determine the power requirements. 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. To determine the right size generator, add the total watts of all lights, appliances, tools or other equipment to be connected to the generator. Check the nameplates to determine wattage. If wattage is not shown, but amps and volts are given, the following simplified formula 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. Remember your Baldor Generator is capable of momentarily supplying 150% of its nameplate rating for motor starting applications. This will assist starting the electric motor while the current demand is heaviest.

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

**NOTE:** This chart is to be used only as a guide. Motor starting has too many variables to accurately predict size consistently. For more information, contact your Baldor Generator dealer or representative.

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## Electrical Formulas

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### Single Phase

Watts = Volts x Amps x Power Factor

Amps = Watts / Volts / Power Factor

**Notes:** 1 kilowatt (kW) = 1000 Watts

Typical Power Factor for Single Phase is 1.0 (Unity)

### Three Phase

Watts = Volts x Amps x Power Factor x 1.732

Amps = Kilowatts / Volts / Power Factor / 1.732

**Notes:** 1 Kilowatt (kW) = 1000 Watts

Typical Power Factor for Three Phase is 0.8

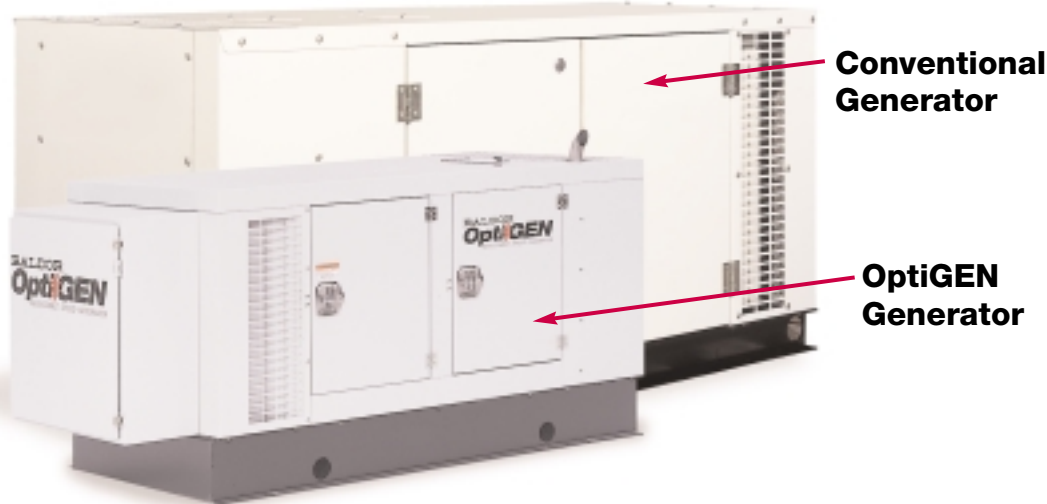
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Information provided is subject to change without notice.  
Contact your local Baldor office for certified product information.

# BALDOR **OptiGEN™** ADJUSTABLE SPEED GENERATOR



For over 80 years the Baldor name has been synonymous with manufacturing the highest quality industrial products available. And now, Baldor brings new technology to a new line of standby power generator sets.



## **OptiGEN™...The right size Generator for the job!**

OptiGEN increases engine RPM on demand to provide the necessary power to start motor loads. As an example, to start a 20 Hp motor a typical fixed speed generator would be required to be sized at 50kW output. The Baldor OptiGEN can start the same 20 Hp motor with a 20 kW rating.

### **How does it work?**

- The Baldor *OptiGEN™* generator automatically adjusts the generated power output to match your various load requirements.
- The heart of the *OptiGEN* system is our exclusive power electronics and engine control that automatically speeds the engine up or down while monitoring the electrical power being consumed.

### **Benefits of the OptiGEN™**

- Lower Initial Costs and Operational Costs
- Smaller Generator Footprint
- Increased Fuel Economy
- Lower Noise and Vibration
- Improved Power Quality
- Near Unity Power Factor
- No Oversized Alternator Required

### **Initial Ratings** Natural Gas

Model	Rating	Rating
ASG25	25 kVA Continuous	50 kVA Peak
ASG60	60 kVA Continuous	120 kVA Peak
ASG100	100 kVA Continuous	200 kVA Peak

**Consult your Baldor District Office for more information.**

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