

CA2400

Effective Date:
January 2, 2011

Generator Stock Products Catalog

- Portables
- Towables
- Light Towers
- Agricultural Standby
- Commercial/Industrial Standby
- Mod Express®



BALDOR®
GENERATORS

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BALDOR GENERATORS OWNER WARRANTY POLICY

Limited Warranty

Baldor 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 to a Baldor Generator repair facility. Notification of the defect or problem, a description of the manner in which the Baldor generator is used, and the name, address and telephone number of the customer 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 customer, or any incidental or consequential damages resulting from the defect, removal, reinstallation, shipment or otherwise. 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 customer will be responsible for the cost of any necessary repairs. Genset engines are covered under the engine manufacturers warranty. Proper engine maintenance is required. Any request for engine warranty or repair should be made directly with the engine manufacturers warranty center. See engine manufacturers data for applicable engine warranty periods and location of repair centers. This Limited Warranty and Service Policy represents Baldor's sole and exclusive warranty obligation with respect to Baldor products. Baldor's liability to a customer or any other person shall not exceed Baldor's sales price of the applicable Baldor product. **BALDOR DISCLAIMS ALL OTHER EXPRESSED AND IMPLIED WARRANTIES INCLUDING THE IMPLIED WARRANTIES OF FITNESS FOR A PARTICULAR PURPOSE AND MERCHANTABILITY.**

WARRANTY PERIOD

Generator Series	Labor*	Parts
Portable Products (Premier, Powerchief, DG Series)	1 Year	3 Years
Towable Products (TS)	1 Year or 3,000 Hours	3 Years or 3,000 Hours
POW'R LITE Light Towers	1 Year or 3,000 Hours	3 Years or 3,000 Hours Light Fixture, Lamps and Ballasts are excluded from any warranty coverage
3600 RPM Standby Systems (Some AE Models)	1 Year or 1,000 Hours	3 Years or 1,000 Hours
1800 RPM Standby Systems (Some AE Models, DLC, GLC)	1 Year or 3,000 Hours	3 Years or 3,000 Hours
Industrial Standby Systems	1 Year or 1,000 Hours	2 Years or 1,000 Hours
Industrial Prime Power Systems	1 Year or 1,000 Hours	1 Years or 1,000 Hours
International	1 Year or 1,000 Hours	1 Year or 1,000 Hours

*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, IDLC). 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 within 30 days of start-up to qualify for any warranty consideration, excluding: Portables, Towables and Light Towers.

A New Concept in Generator Power

Mod Express®!

See pages 22-23



Now you can buy a Baldor GLC (Gaseous Liquid Cooled), IDLC (Industrial Diesel Liquid Cooled), or a Baldor Towable genset and have several more choices and faster delivery. The modular nature of the generator Mod Express® System means you can more or less design your own genset, with the type of enclosure and features you want, and there is considerable field upgrade potential.

GLC or IDLC Mod Express® factory or field installed options include:

- G1-Install environmental enclosure onto skid mount genset
- G2-Install engine starting battery into generator set
- G3-Install battery heater
- G4-Install battery charger
- G5-Install radiator duct flange onto skid mount genset
- G6-Install E-Stop switch into generator enclosure



Towable Mod Express® factory or field installed options include:

- G3-Install battery heater
- G4-Install battery charger
- G7-Modify power connections
- G8-Convert standard trailer hitch coupling to ball hitch or pintle hitch
- G9-Change trailer brakes from hydraulic to electric
- G10-Install engine block heater to standard genset
- G12-Install light mast to standard genset



Baldor has always led the field for easy conversion of stock motor products, even in the sixties Baldor was using a Mod Express® system to create more value for customers who needed a quick electric motor delivery. Many years of experience and innovation gives Baldor incomparable design expertise in providing product combinations for two distinctive and fully rounded generator product lines.

Baldor's new generator Mod Express® System delivers more value for customers who need a standby or portable power source!



OHV30



OHV60

Premier Industrial Quality Portable Generators (Full Featured)

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.

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 Idler System
- Focal Vibration System
- Low Oil Shutdown
- Spark Arrestor Muffler
- Tubular Roll Cage
- 3-Year Warranty
- Voltmeter
- Fuel Gauge
- AC Circuit Breakers
- Hour Meter
- Extended Run Fuel Tank
- Neoprene Isolators

Premier (Full Featured)

Catalog Number	Max. Watts	Cont. Watts	Fuel Capacity	Engine	Engine Hp	Volts	List Price	Mult. Sym.	Approx. Shipping Weight (lbs)
OHV30	3000	2500	2.8 Gal.	Honda	5.5	120 VAC	\$1535	PG	121
OHV40	4000	3500	4.6 Gal.	Honda	8.0	120/240 VAC	2181	PG	193
OHV50H	5000	4000	4.6 Gal.	Honda	9.0	120/240 VAC	2380	PG	193
OHV60	6000	5000	4.6 Gal.	Honda	11.0	120/240 VAC	2807	PG	218
OHV60E ①	6000	5000	4.6 Gal.	Honda	11.0	120/240 VAC	3270	PG	230
OHV90E ①	9000	8000	5.8 Gal.	Honda	16.6	120/240 VAC	4020	PG	285

NOTE: OHV60E, OHV90E 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 Quality Portable Generators

Premier Model	OHV30	OHV40	OHV50H	OHV60	OHV60E	OHV90E
Features						
Switchless Full Pow R	—	std	std	std	std	std
AC Voltmeter	—	std	std	std	std	std
Automatic Idler	—	std	std	std	std	std
Focal Vibration System	—	std	std	std	std	std
Engine Model						
	Honda	Honda	Honda	Honda	Honda	Honda
Horsepower	5.5	8.0	9.0	11	11	16.6
Cylinder	1	1	1	1	1	2
Lubrication System	Splash	Splash	Splash	Splash	Splash	Pressure
Displacement - CC	163	242	270	337	337	614
Starting Systems ①	Recoil	Recoil	Recoil	Recoil	12 Volt with Recoil	12 Volt with Recoil
Rating						
Max Rating	3000W	4000W	5000W	6000W	6000W	9000W
Rated	2500W	3500W	4000W	5000W	5000W	8000W
Volts	120VAC	120/240VAC	120/240VAC	120/240VAC	120/240VAC	120/240VAC
Amps	20.8	29.2/14.6	33.3/16.7	41.6/20.8	41.6/20.8	66.7/33.4
dBA (Avg) @ 7 meters	70	73	73	72	72	78
Receptacles						
Straight(520R)120V,20A, Duplex	1	—	—	—	—	—
Straight(520R GFCI)120V, 20A, Duplex	1	2	2	2	2	2
Twist Lock(L530R)120V, 30A	—	1	1	1	1	1
Twist Lock(L1430R)120/240V, 30A	—	1	1	1	1	1
Twist Lock(CS6369)120/240V, 50A	—	—	—	—	—	—
Fuel System						
Fuel Capacity (U.S. Gallons)	2.8	4.6	4.6	4.6	4.6	5.8
Operation Run Time/Full Load	5 hrs.	5 hrs.	6 hrs.	4 hrs.	4 hrs.	4 hrs.
Operation Run Time/Half Load	8 hrs.	9 hrs.	10 hrs.	7 hrs.	7 hrs.	7 hrs.
Dimensions						
Length	25.5"	28"	28"	28"	28"	30.5"
Width	17.5"	20.5"	20.5"	20.5"	20.5"	21.5"
Height	18.0"	22.25"	22.25"	22.25"	22.25"	21"
Weight (Net Dry)	112 lbs	170 lbs	170 lbs	192 lbs	206 lbs	270 lbs

NOTE: 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.

Portable Accessories

Catalog Number	Description	Features	Available for Models	List Price	Mult. Sym.	Approx. Shipping Weight (lbs)
PGD2	2 Wheel Dolly Kit	Two 10" Pneumatic Wheels, Fold Down Handles, Cable Storage Hanger, and Mounting Hardware	Premier, Powerchief and Diesel Models 4,000 to 9,000 Watt	\$232	G8	20
PGD4	4 Wheel Dolly Kit	Four 10" Pneumatic Wheels, Pull Handles, and Mounting Hardware	Premier, Powerchief and Diesel Models 4,000 to 9,000 Watt	303	G8	26
GTK30A10	Manual Transfer Switch Kit - 10 Circuit	Indoor Rated Transfer Switch and 25' Generator Ext Cord with L1430 Conn. Transfer Switch Includes circuit breakers, 3 - 15A 1-Pole, 3 - 20A 1-Pole, 1 - 20A 2-Pole, 1 30A 1-Pole, 1 30A 2-Pole Generator Main and 1 60A 2-Pole Main.	Premier, Powerchief and Diesel Models 4,000 to 9,000 Watt	695	G8	37
GTK30PBK	Power Inlet Box Kit	Outdoor Rated Power Inlet Box with 30 Amp L1430 Plug for connection to Generator Extension Cord. Includes Mating Plug for Transfer Switch connection.	GTK30A10 Transfer Switch	130	G8	4

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 3000 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.



PC60H

Powerchief® Industrial Quality 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. All Powerchief generators feature industrial grade engines, a Baldor generator with 3-year limited warranty, Switchless Full Pow'R and Focal Vibration System.

Features:

- 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.
- Reduces the chance for generator damage.

Catalog Number	Max. Watts	Cont. Watts	Fuel Capacity	Engine	Engine Hp	Volts	List Price	Mult. Sym.	Approx. Shipping Weight (lbs)
PC30H	3000	2500	3.8 Qt.	Honda	5.5	120 VAC	\$1345	PG	108
PC40H	4000	3500	4.6 Gal.	Honda	8.0	120/240 VAC	1743	PG	171
PC50H	5000	4000	4.6 Gal.	Honda	9.0	120/240 VAC	1965	PG	185
PC60H	6000	5000	4.6 Gal.	Honda	11.0	120/240 VAC	2179	PG	211
PC60HE ①	6000	5000	4.6 Gal.	Honda	11.0	120/240 VAC	2729	PG	217
PC90HE ①	9000	8000	4.6 Gal.	Honda	16.6	120/240 VAC	3269	PG	270

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

Baldor Industrial Quality Portable Generators

Powerchief Model	PC30H	PC40H	PC50H	PC60H	PC60HE	PC90HE
Features						
Switchless Full Pow'R	—	std	std	std	std	std
DC Circuit Breakers	—	—	—	—	—	—
AC Circuit Breakers	std	std	std	std	std	std
Low Oil Shutdown	std	std	std	std	std	std
Spark Arrestor Muffler	std	std	std	std	std	std
Extended Run Fuel Tank	—	std	std	std	std	std
Tubular Roll Cage	std	std	std	std	std	std
Neoprene Isolators	std	std	std	std	std	std
Focal Vibration System	—	std	std	std	std	std
3-Year Warranty	std	std	std	std	std	std
Engine Model						
	Honda	Honda	Honda	Honda	Honda	Honda
Horsepower	5.5	8	9	11	11	16.6
Cylinder	1	1	1	1	1	2
Displacement-CC	163	242	270	337	337	614
Starting Systems ①	Recoil	Recoil	Recoil	Recoil	12 Volt with Recoil	12 Volt with Recoil
Rating						
Max Rating	3000W	4000W	5000W	6000W	6000W	9000W
Rated	2500W	3500W	4000W	5000W	5000W	8000W
Volts	120VAC	120/240VAC	120/240VAC	120/240VAC	120/240VAC	120/240VAC
Amps	20.8	29.2/14.6	33.3/16.7	41.6/20.8	41.6/20.8	66.7/33.4
dBA (Avg) @ 7 meters	70	73	73	72	72	78
Receptacles						
Straight (515R) 120V, 15A, Single	1	—	—	—	—	—
Straight (515R) 120V, 15A, Duplex	1	—	—	—	—	—
Straight (520R GFCI) 120V, 20A, Duplex	—	1	1	1	1	1
Twist Lock (L530R) 120V, 30A	—	1	1	1	1	1
Twist Lock (L1430R) 120/240V, 30A	—	1	1	1	1	1
Fuel System						
Fuel Capacity (U.S. Gallons)	3.8 qt	4.6 gal	4.6 gal	4.6 gal	4.6 gal	4.6 gal
Operational Run Time/Full Load	1.5 hr	4 hr	6 hr	4 hr	4 hr	3.2 hr
Operational Run Time/Half Load	2.3 hr	7 hr	10 hr	7 hr	7 hr	5.6 hr
Dimensions						
Length	22"	28"	28"	28"	28"	30.5"
Width	15.75"	20.5"	20.5"	20.5"	20.5"	21.5"
Height	16.5"	22.25"	22.25"	22.25"	22.25"	21"
Weight (Net Dry)	94 lbs	162 lbs	162 lbs	187 lbs.	193 lbs	258 lbs

NOTE: 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.

Diesel Industrial Quality 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 - Helps to track and schedule routine maintenance
- Voltage - 120/240 Volt Single Phase
- Wheel Kit - Available as accessory



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

DG6E

Catalog Number ①	Max. Watts	Cont. Watts	Fuel Capacity	Engine	Engine Hp	Volts	List Price	Mult. Sym.	Approx. Shipping Weight (lbs)
DG3E	3300	3000	2.75 Gal.	Hatz	5.5	120/240 VAC	\$3582	PG	196
DG6E	6000	5500	4.6 Gal.	Hatz	9.9	120/240 VAC	4995	PG	273

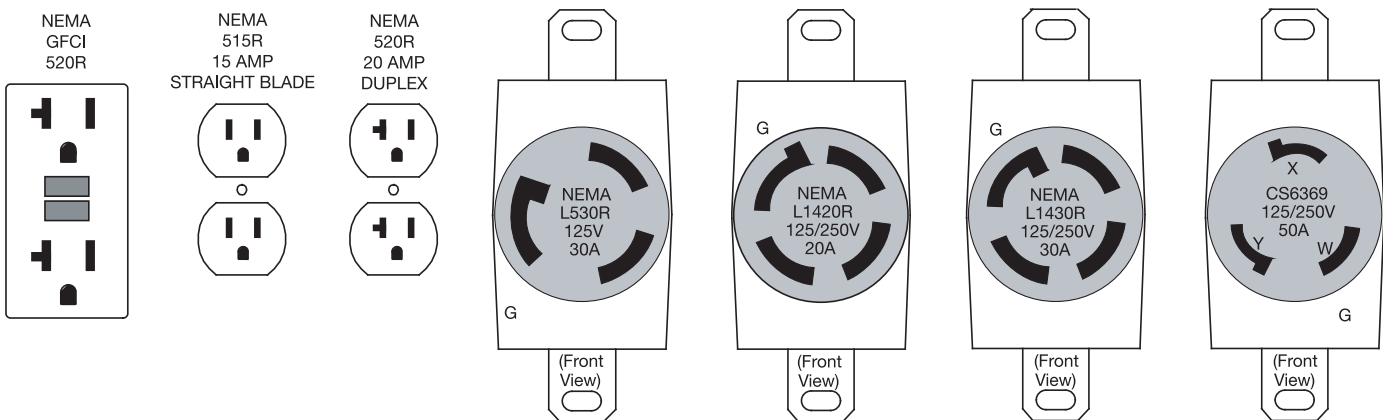
NOTE: ① Batteries are not included or available on any Electric Start Models.

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.

Receptacle Reference Drawings



Baldor Industrial Quality Portable Generators

	Portable Diesel Model	
	DG3E	DG6E
Features		
Switchless Full Pow'R	std	std
AC Voltmeter	std	std
Hourmeter	std	std
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 ①	12 Volt with Recoil	12 Volt with Recoil
Rating		
Max Rating	3300	6000
Rated	3000	5500
Volts	120/240 VAC	120/240 VAC
Amps	25/12.5	45.8/22.9
dBA (Avg) @ 7 meters	74	76
Receptacles		
Straight (520R GFCI) 120V, 20A, Duplex	1	2
Twist Lock (L530R) 120V, 30A	1	1
Twist Lock (L1420R) 120/240V, 20A	1	—
Twist Lock (L1430R) 120/240V, 30A	—	1
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

NOTE: 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 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.

Standard Features

- Extra Large Access Doors
- Manual or Automatic Start with Start/Stop/Auto Switch
- Three Position Switch for Main Voltage Selection
- Single Phase Receptacles are Powered During All Main Voltage Configurations
- Fuel Water Separator
- Single Point Lifting Eye
- Illuminated Control Panel
- Voltage Adjust Pot
- Alarm Horn
- High Water Temperature Shutdown
- Low Oil Pressure Shutdown
- Starting Battery Included

Additional Features for TS25 thru TS80

- Digital genset controller with Analog Gauges and Meters for engine oil pressure, coolant temp., battery volts, and generator output volts, hertz, amps with phase select
- Large integral single wall XLPE fuel tank
- 2-inch ball hitch coupling on trailered units

Additional Features for TS130 thru TS500

- Digital genset controller with automatic shutdowns and digital readouts for engine oil pressure, coolant temp., low coolant level, low fuel level, battery volts, engine overcrank and overspeed.
- Large double wall metal fuel tank with integral spill containment basin
- 3-inch pintle hitch coupling on trailered units

Industrial Standby (with or without trailer)

Catalog Number	kVA/kW @ 240V 1 Phase	kVA/kW @ 208V 3 Phase	kVA/kW @ 480/240V 3 Phase	VAC 1 Phase	VAC 3 Phase	Engine	Fuel Capacity	List Price	Mult. Sym.	Approx. Shipping Weight (lbs)
With Trailer										
TS25T	18/18	25/20	25/20	120/240	208/240/480	John Deere	50 Gal.	\$25686	TG	2530
TS35T	25/25	37/30	37/30	120/240	208/240/480	John Deere	50 Gal.	31484	TG	2700
TS45T	27/27	46/37	48/38	120/240	208/240/480	John Deere	80 Gal.	37032	TG	3425
TS60T	43/43	60/48	61/49	120/240	208/240/480	John Deere	80 Gal.	40493	TG	3590
TS80T	45/45	74/59	80/64	120/240	208/240/480	John Deere	80 Gal.	50429	TG	4040
TS130T	78/78	125/100	127/101	120/240	208/240/480	John Deere	160 Gal.	73798	TG	5720
TS175T	100/100	169/135	188/150	120/240	208/240/480	John Deere	210 Gal.	83775	TG	6385
TS250T	175/175	250/200	250/200	120/240	208/240/480	John Deere	260 Gal.	113283	TG	8900
TS350T	206/206	350/280	350/280	120/240	208/240/480	John Deere	390 Gal.	155808	TG	10500
TS500T	250/250	500/400	500/400	120/240	208/240/480	John Deere	530 Gal.	216648	TG	15420
Skid Mount Without Trailer										
TS25S	18/18	25/20	25/20	120/240	208/240/480	John Deere	50 Gal.	24288	TG	2115
TS35S	25/25	37/30	37/30	120/240	208/240/480	John Deere	50 Gal.	29073	TG	2210
TS45S	27/27	46/37	48/38	120/240	208/240/480	John Deere	80 Gal.	33612	TG	2595
TS60S	43/43	60/48	61/49	120/240	208/240/480	John Deere	80 Gal.	36674	TG	2765
TS80S	45/45	74/59	80/64	120/240	208/240/480	John Deere	80 Gal.	46214	TG	3210
TS130S	78/78	125/100	127/101	120/240	208/240/480	John Deere	160 Gal.	69701	TG	4740
TS175S	100/100	169/135	188/150	120/240	208/240/480	John Deere	210 Gal.	77276	TG	5390
TS250S	175/175	250/200	250/200	120/240	208/240/480	John Deere	260 Gal.	106371	TG	7350
TS350S	206/206	350/280	350/280	120/240	208/240/480	John Deere	390 Gal.	146303	TG	8750
TS500S	250/250	500/400	500/400	120/240	208/240/480	John Deere	530 Gal.	203428	TG	12440

NOTE: Standby ratings for supplying emergency power for the duration of a utility outage. No overload capability for standby rating. Output ratings are specified for 1000 feet Altitude above sea level, 77°F Ambient Temperature. Reduce output rating by minus 1% for every 2000 feet above 1000 feet altitude, reduce output rating by minus 1% for ever 20°F above 77°F ambient temperature. 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 Towable Generators

Catalog Number	TS25T/S	TS35T/S	TS45T/S	TS60T/S	TS80T/S	TS130T/S	TS175T/S	TS250T/S	TS350T/S	TS500T/S
Engine	John Deere	John Deere	John Deere	John Deere	John Deere	John Deere	John Deere	John Deere	John Deere	John Deere
Standby Output	(kVA/kW)									
3 ph @ 480 Volt or 240 Volt	25/20	37/30	48/38	61/49	80/64	127/101	188/150	250/200	350/280	500/400
3 ph @ 208	25/20	37/30	46/37	60/48	74/59	125/100	169/135	250/200	350/280	500/400
1 ph @ 240 Volt	18/18	25/25	27/27	43/43	45/45	78/78	100/100	175/175	206/206	250/250
Prime Output	(kVA/kW)									
3 ph @ 480 Volt or 240 Volt	23/18	33/27	44/35	56/45	73/58	115/92	156/125	227/180	319/255	455/365
3 ph @ 208	23/18	33/27	44/35	56/45	67/54	113/90	138/110	227/180	319/255	455/365
1 ph @ 240 Volt	18/18	22/22	25/25	40/40	41/41	76/76	90/90	160/160	187/187	240/240
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	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	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	0.8	0.8	0.8	0.8
Voltage Regulation	1/2%	1/2%	1/2%	1/2%	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.	60 Hz.	60 Hz.	60 Hz.	60 Hz.
Total Harmonic Distortion	<5%	<5%	<5%	<5%	<5%	<5%	<5%	<5%	<5%	<5%
Insulation Material	Class H	Class H	Class H	Class H	Class H	Class H	Class H	Class H	Class H	Class H
Amperage (Standby):										
3 ph 480 Volt	30	45	57	73	96	152	225	300	421	601
3 ph 240 Volt	60	90	114	146	192	301	450	601	842	1203
3 ph 208 Volt	69	104	128	166	205	347	468	693	972	1388
Single phase amperage @ 240V/120V	75/2X75	104/2X104	112/2x112	179/2x179	187/2x187	325/2X325	416/2x416	729/2x729	858/2x858	1041/2x1041
Engine Specifications										
Model	4024TF281	4024TF281	4024HF285	4024HF285	4045TF285	4045HF285	6068HF285	6068HF485	6090HF484	6135HF485
Cylinders	4	4	4	4	4	4	6	6	6	6
Induction System	Turbocharged	Turbocharged	Turbocharged Charge Air Cooling	Turbocharged Charge Air Cooling	Turbocharged Charge Air Cooling	Turbocharged Charge Air Cooling	Turbocharged Charge Air Cooling	Turbocharged Charge Air Cooling	Turbocharged Charge Air Cooling	Turbocharged Charge Air Cooling
Displacement, Liter/Cu. In.	2.4/149	2.4/149	2.4/146	2.4/146	4.5/275	4.5/275	6.8/415	6.8/415	9.0/549	13.5/824
Hp @ Rated Speed	49	49	80	80	99	158	211	314	422	613
RPM	1800	1800	1800	1800	1800	1800	1800	1800	1800	1800
Bore and Stroke	3.4" x 4.1"	3.4" x 4.1"	3.4" x 4.1"	3.4" x 4.1"	4.2" x 5.0"	4.2" x 5.0"	4.2" x 5.00"	4.2" x 5.00"	4.7" x 5.4"	5.2" x 6.5"
Oil capacity (with filter)	8.5 quarts	8.5 quarts	7.6 quarts	7.6 quarts	14.7 quarts	16.5 quarts	34 quarts	34 quarts	39 quarts	69 quarts
Governor	Electronic	Electronic	Electronic	Electronic	Electronic	Electronic	Electronic	Electronic	Electronic	Electronic
Cooling	Liquid	Liquid	Liquid	Liquid	Liquid	Liquid	Liquid	Liquid	Liquid	Liquid
EPA Emissions Level	Interim Tier 4	Interim Tier 4	Tier 3	Tier 3	Tier 3	Tier 3	Tier 3	Tier 3	Tier 3	Tier 3
Battery Minimum Cold Cranking Amps (supplied)	675	675	925	925	925	925	925	925	2 x 925	2 x 925
Receptacle Specifications										
120 Volt 20 Amp Duplex GFCI	2	2	3	3	3	4	4	4	4	4
120/240 Volt 50 Amp CS6369 Twistlock	2	2	3	3	3	4	4	4	4	4
Two Wire Remote Start Capability	std	std	std	std	std	std	std	std	std	std
Operator Control	Digital & Analog	Digital & Analog	Digital & Analog	Digital & Analog	Digital & Analog	Digital	Digital	Digital	Digital	Digital
Fuel System Specifications (Diesel)										
Fuel Consumption GPH – 1/2 load/ (full load) @ Standby Rating	1.0/(2.1)	1.4/(2.8)	1.6/(3.2)	2.2/(4.3)	3.1/(6.3)	4.2/(8.2)	5.6/(10.5)	7.9/(15.5)	12/(19.6)	15.2/(30.6)
Approximate Run Time (Hours) 1/2 load/ (full load) @ Standby Rating	50/(24)	36/(18)	50/(25)	36/(18)	26/(13)	38/(20)	38/(20)	33/(17)	34/(20.9)	35/(17)
Fuel Capacity (Gal.)	50	50	80	80	80	160	210	260	390	530
Fuel Tank	Single Wall XLPE	Single Wall XLPE	Single Wall XLPE	Single Wall XLPE	Single Wall XLPE	Double Wall Metal	Double Wall Metal	Double Wall Metal	Double Wall Metal	Double Wall Metal
Capacity and Dimensions										
Sound Level dBA (Avg) @ 7 meters, full load	67	67	67	67	67	67	67	67	70	70
Dimensions (LxWxH) with trailer (in.)	130x62x73	130x62x73	146x62x87	146x62x87	146x62x87	178x75x102	197x74x103	233x81x108	242x81x117	251x98x131
Trailer Brakes/# of Axles	None/1	Hydraulic/1	Hydraulic/2	Hydraulic/2	Hydraulic/2	Hydraulic/2	Hydraulic/2	Hydraulic/2	Hydraulic/2	Electric/2
Dimensions (LxWxH) without trailer (in.)	74x38x53	74x38x53	84x38x66	84x38x66	84x38x66	118x42x81	130x48x81	161x55x81	168x54x91	195x66x99
Weight without Fuel (lb)	2530	2700	3425	3590	4040	5720	6385	8900	10500	15420
Weight without Fuel and without Trailer (lb.)	2115	2210	2595	2765	3210	4740	5390	7350	8750	12440
Product Flyer	FM2411JT3	FM2497JT3	FM2412JT3	FM2498JT3	FM2413JT3	FM2414JT3	FM2415JT3	FM2410JT3	FM24110JT3	FM24111JT3

Industrial Towable Accessories

The following accessories are available to modify TS style Industrial Towable Generators from the stock configuration. The accessory items can either be field installed or added at the time of order through our exclusive Baldor Mod Express® program. **Please see the ModEx section of this catalog for more information on Mod Express® charges and ordering information.**

Catalog No.	Description	Fits Models	List Price	Mult. Sym.
BTCGR6	Battery Charger – 12 Volt / 6 Amp Float. Includes 6 ft power cord with grounding plug for AC input power and 4 ft power cord with ring terminals for DC output. UL Listed	TS25 - TS250	\$231	G8
BTCGR10	Battery Charger – 12 Volt / 10 Amp Float. Includes 6 ft power cord with grounding plug for AC input power and 4 ft power cord with ring terminals for DC output.	TS25 - TS250	424	G8
BTCGR10B	Battery Charger – 24 Volt/10 Amp Float. Includes 6 ft power cord with grounding plug for AC input power and 4 ft power cord with ring terminals for DC output.	TS350-TS500	899	G8
BTHTR81	Battery Heater – 120 Volt / 80 Watt battery heater designed to warm one battery. Includes power cord and automatic thermostat. TS400 requires two battery heaters.	All TS	331	G8
BLKHTR10	Block Heater Kit – Includes 120 Volt / 1000 Watt block heater with power cord, mounting bracket, fittings and coolant hoses.	TS25 - TS60	325	G8
BLKHTR15A	Block Heater Kit – Includes 120 Volt / 1500 Watt block heater with power cord, mounting bracket, fittings coolant hoses, and inlet/outlet shut off valves	TS80	248	G8
BLKHTR15B		TS130 - TS175	277	G8
BLKHTR15D		TS250	406	G8
BLKHTR25	Block Heater Kit – Includes 240 Volt / 2500 Watt block heater with power cord for hard wiring connection, mounting bracket, fittings and coolant hoses.	TS350 - TS500	952	G8
TSBHC200	2 inch Ball Hitch coupling. Mounts to TS trailers. Replaces standard pintle style coupling. 10,000 lb max capacity.	TS130 - TS175	266	G8
TSBHC256	2-5/16 inch Ball Hitch coupling. Mounts to TS trailers. Replaces standard pintle style coupling. 12,000 lb max capacity.	TS25 - TS250	309	G8
TSBHC256A	2-5/16 inch Ball Hitch coupling. Mounts to TS trailers. Replaces standard pintle style coupling. 25,000 lb max capacity.	TS350 - TS500	411	G8
RH2TBP	Tri-Ball w/Pintle Hook trailer hitch for 2" receiver tube. Features 3 chrome towing balls (1-7/8", 2", 2-5/16") and a cast steel pintle jaw on one solid steel shank. Jaw locks in the open position for coupler towing with the 2" ball, or in the closed position for lunette eye (pintle) towing.	All TS	236	G8
TSTJS	Stab Jacks to mount to rear of trailer. Kit contains 2 jacks, one for each side.	TS25-TS175	167	G8
TSLM35T	Light Mast Kit - Provides 4-1,000 watt metal halide lamps on a 30ft telescoping/storable mast. Includes all mounting and electrical hardware along with stabilization outriggers. Connects to receptacle on TS genset and has separate power switch for each lamp.	TS35	8065	G8
TSLM80T		TS45-TS80	9237	G8
TSPHC300	3 inch Pintle Hitch coupling. Replaces Standard 2 inch ball style coupling	TS25-TS80	115	G8

Industrial Towable Accessories – Mod Express® Only

The following accessories are available to modify TS style Industrial Towable Generators from the stock configuration. The accessory items can be added at the time of order through our exclusive Baldor Mod Express® program. **Please see the ModEx section of this catalog for more information on Mod Express® charges and ordering information.**

Catalog No.	Description	Fits Models	List Price	Mult. Sym.
SPKTS1	Shore Power Kit – Includes 120 Volt shore power connector in receptacle panel and additional connections inside engine compartment for convenient connection of 120 Volt auxiliary battery chargers and heaters.	TS25 to TS175	\$234	G8
SPKTS2		TS250	234	G8
SPKTS3	Shore Power Kit – Includes 240 Volt shore power connector in receptacle panel and additional connections inside engine compartment for convenient connection of 120 Volt auxiliary battery chargers and direct connection for 240 Volt block heaters.	TS350 - TS500	421	G8
TB5000A11	Mechanical power lugs with hex sockethead screws to fit wire sizes of one 600 MCM or two 250 MCM - 1/0. Kit includes 10 lugs for power, neutral, and ground connections on TS250 mobile generators.	TS250	236	G8

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 5 to 7 acres. Each model is powered by a Baldor 6000-watt light tower generator designed for a compact and efficient installation. POW'R LITE light towers are powered by the dependable Kubota diesel engine. A 50-gallon fuel tank provides for 100 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 diesel engine provides "flicker-free" operation.
- Enclosure construction with heavy gauge painted aluminum.
- Zinc plated 30' 4-section mast, coiled mast cords.
- Tower rotates 360 degrees
- Heavy-duty winch design and integral forklift pockets.
- 50-gallon fuel tank – up to 100 hours of running time.
- Quality highway trailer suspension.
- Low oil/high temperature shutdown protection.
- Runtime hour indicator and on/off switch standard.
- Battery included.



Catalog Number	Max. Watts	Mast Height	Fuel Capacity	Engine	Engine Hp	Lighting Type	List Price	Mult. Sym.	Approx. Shipping Weight (lbs)
PL6000K	6000	30	50 gal.	Kubota	11.9	Metal Halide	\$13985	LT	1800

NOTES: 53-foot flatbed easily holds 10 compact units. See product flyer FM2488KT2 for additional information.

Mobile Light Tower Accessories

The following accessories are available to modify Baldor light towers from the stock configuration. The accessory items can either be field installed or added at the time of order through our exclusive Baldor ModExpress® program. **Please see the ModEx section of this catalog for more information on Mod Express® charges and ordering information.**

Catalog No.	Description	Fits Models	List Price	Mult. Sym.
PLEW12	Electric Winch Kit - Replaces manual winch used for horizontal to vertical mast rotation or vertical mast extension. Contains DC motor powered winch with integral raise/lower switch, mounting bracket for either location, and wiring harness with integral fuse. One kit replaces one manual winch.	All PL	\$1172	G8
PLPHC300	3 inch Pintle Hitch coupling. Mounts to all Light Tower trailers. Replaces standard 2" ball style coupling.	All PL	191	G8
PLRB200	Rear Mounted Trailer Hitch. Trailer hitch with 2" ball coupling and light mast yoke support extension. For off road use only, to tow up to 3 light towers. Not intended for street or highway use.	All PL	421	G8
RH2TBP	Tri-Ball w/Pintle Hook trailer hitch for 2" receiver tube. Features 3 chrome towing balls (1-7/8", 2", 2-5/16") and a cast steel pintle jaw on one solid steel shank. Jaw locks in the open position for coupler towing with the 2" ball, or in the closed position for lunette eye (pintle) towing.	All PL	236	G8
PLDL12	Dome Light. Provides interior lighting inside the genset engine compartment. Connects to the engine starting battery - 12 Vdc.	All PL	46	G8

Generator Mod Express®

Ordering Information

To order, specify the catalog number of the stock product and the MOD number. Use the normal discount for the stock products and the modification. Lead times indicated are subject to availability of stock items in the Generator ModEx Warehouse. Customer will absorb freight costs when the stock products are shipped to the Generator ModEx Warehouse from field warehouses. Please check stock availability before quoting lead time. **Modification prices do not include the cost of genset or any additional ModEx kits or parts.** Standard Mod Express® cancellation policy, order processing and charge methods apply. Please refer to the Mod Express® section of 501 Catalog for more details on cancellation and shipping charge methods.

Modification Number	Generator Mod Express® - Description and List Price	Working Days Required												
G1	Install Environmental Enclosure onto Skid Mount Generator Set													
G1B	Mount Sound Attenuated Enclosure to standard skid mount generator set. The Critical Silencer will be mounted inside the genset enclosure in front of the engine radiator. Please specify and order enclosure kit on sales order.	Three Days												
	<table> <thead> <tr> <th>Generator Rating</th> <th>List Price</th> </tr> </thead> <tbody> <tr> <td>10 to 25</td> <td>\$485</td> </tr> <tr> <td>30 to 40</td> <td>590</td> </tr> <tr> <td>60 to 65</td> <td>640</td> </tr> <tr> <td>100 to 105</td> <td>685</td> </tr> <tr> <td>150 to 350</td> <td>750</td> </tr> </tbody> </table>	Generator Rating	List Price	10 to 25	\$485	30 to 40	590	60 to 65	640	100 to 105	685	150 to 350	750	
Generator Rating	List Price													
10 to 25	\$485													
30 to 40	590													
60 to 65	640													
100 to 105	685													
150 to 350	750													
G2	Install Engine Starting Battery into Generator Set													
G2A	Battery will be mounted to and secured to battery rack and connected to Positive lead connection only. Negative lead will be insulated and secured for shipment. Battery cannot be shipped loose. Please specify and order battery on sales order.	Two Days												
	<table> <thead> <tr> <th>Generator Rating</th> <th>List Price</th> </tr> </thead> <tbody> <tr> <td>All Sizes</td> <td>\$140</td> </tr> </tbody> </table>	Generator Rating	List Price	All Sizes	\$140									
Generator Rating	List Price													
All Sizes	\$140													
G3	Install Battery Heater onto Engine Starting Battery													
G3A	Battery heater will be mounted to and secured to engine starting battery. Generator Mod Express® G2 - Install Engine Starting Battery into Generator Set will also need to be specified at time of order. Battery cannot be shipped loose. Please specify and order battery heater on sales order.	Two Days												
	<table> <thead> <tr> <th>Generator Rating</th> <th>List Price</th> </tr> </thead> <tbody> <tr> <td>All TS Sizes</td> <td>\$155</td> </tr> </tbody> </table>	Generator Rating	List Price	All TS Sizes	\$155									
Generator Rating	List Price													
All TS Sizes	\$155													
G4	Install Battery Charger into Generator Set													
G4A	Battery charger will be mounted and connected. Battery cannot be shipped loose. Please specify and order battery charger on sales order.	Two Days												
	<table> <thead> <tr> <th>Generator Rating</th> <th>List Price</th> </tr> </thead> <tbody> <tr> <td>All Sizes</td> <td>\$175</td> </tr> </tbody> </table>	Generator Rating	List Price	All Sizes	\$175									
Generator Rating	List Price													
All Sizes	\$175													
G5	Install Radiator Duct Flange onto Skid Mount Generator Set													
G5A	Mount a Radiator Duct Flange to standard skid mount generator set. The duct flange is suitable for connection of radiator exhaust air to external air ducting. Please specify and order radiator duct flange on sales order.	Two Days												
	<table> <thead> <tr> <th>Generator Rating</th> <th>List Price</th> </tr> </thead> <tbody> <tr> <td>10 to 25</td> <td>\$155</td> </tr> <tr> <td>30 to 65</td> <td>185</td> </tr> <tr> <td>100 to 105</td> <td>230</td> </tr> <tr> <td>150 to 350</td> <td>270</td> </tr> </tbody> </table>	Generator Rating	List Price	10 to 25	\$155	30 to 65	185	100 to 105	230	150 to 350	270			
Generator Rating	List Price													
10 to 25	\$155													
30 to 65	185													
100 to 105	230													
150 to 350	270													
G6	Install E-Stop Switch into Generator Set Enclosure													
G6A	Emergency Stop Switch will be mounted to outside of environmental enclosure and connected to shut down the generator when the switch is pressed. Generator Mod Express® G1 - Install Environmental Enclosure onto Skid Mount Generator Set will also need to be specified at time of order. Please specify and order E-Stop switch on sales order.	Three Days												
	<table> <thead> <tr> <th>Generator Rating</th> <th>List Price</th> </tr> </thead> <tbody> <tr> <td>All Sizes</td> <td>\$230</td> </tr> </tbody> </table>	Generator Rating	List Price	All Sizes	\$230									
Generator Rating	List Price													
All Sizes	\$230													

Modification Number	Generator Mod Express® - Description and List Price	Working Days Required
G7	Modify Power Connections on Mobile Genset	
G7A	Modify standard bus bar output power termination to include provisions for mechanical lugs with hex sockethead screws. Please specify and order additional power terminal kit on sales order.	Two Days
	Generator Rating List Price	
	TS250 \$230	
G7B	Install shore power connector to TS units. Includes mounting of shore power connector to main power panel and addition of receptacle inside engine compartment. Please specify shore power connector kit on sales order	Two Days
	Generator Rating List Price	
	TS25 to TS35 \$230	
	TS60 to TS80 (Tier II) 255	
	TS130 to TS400 290	
G8	Modify Standard Trailer	
G8A	Replace standard trailer hitch coupling with optional ball or pintle hitch. Please specify new coupling size and order trailer hitch kit on sales order.	Two Days
	Generator Rating List Price	
	All TS Sizes \$110	
	All Pow'R Lite Light Towers 110	
G8B	Mount a set of Stab Jacks to rear of TS trailer. Please specify Stab Jack kit on sales order.	Two Days
	Generator Rating List Price	
	TS25 to TS175 \$110	
G9	Change Trailer Brakes from Hydraulic to Electric on TS Gensets	
G9A	Replace and install components as necessary to convert from hydraulic to electric braking on standard TS trailers.	Two Days
	Generator Rating List Price	
	All TS Sizes \$200	
G10	Install Engine Block Heater to Standard Genset	
G10A	Install Engine Block Heater to Standard TS units. Includes mounting of heater and connection of engine heater hoses inside engine compartment. Please specify Engine Block Heater kit on sales order.	Two Days
	Generator Rating List Price	
	All TS Sizes \$230	
G12	Install Light Mast to Standard Genset	
G12A	Install Light Mast to Standard TS units. Includes mounting of ballast box, light mast, and stabilization outriggers. Please specify Light Mast kit on sales order.	Two Days
	Generator Rating List Price	
	TS35 \$230	
	TS45 to TS80 275	
G13	Install Sub-Base Fuel Tank	
G13A	Install sub-base fuel tank to IDLC Genset. Please specify fuel tank kit on sales order.	Two Days
	Generator Rating List Price	
	30 to 150 \$185	
	200 to 350 230	
G14	Change Output Voltage on Stationary Genset	
G14A	Change output voltage from 120/208 three phase to 277/480 three phase. Install new circuit breaker to accommodate voltage change. Please specify Circuit Breaker Kit on sales order.	Two Days
	Generator Rating List Price	
	30 to 100 \$155	
	105 to 350 230	
G14B	Change output voltage from 120/208 (Low Wye) three phase to 120/240 (Delta) three phase. Install new circuit breaker to accommodate voltage change if necessary. Please verify if new circuit breaker is necessary and specify Circuit Breaker Kit on sales order.	Two days
	Generator Rating List Price	
	30 to 100 \$175	
	105 to 350 270	

Transfer Switches

Automatic Transfer Switches for Generator Sets

Amps	Catalog Number	Mfg/Type	Volts/Connection	List Price	Mult. Sym.
NEMA-1 Enclosure					
100	95.50100	Zenith ZTX	2 Pole, 240 Volt	\$1314	G8
100	95.50103	Zenith ZTX	3 Pole, 208 Volt	1998	G8
100	95.50102	Zenith ZTX	3 Pole, 240 Volt	1998	G8
100	95.50104	Zenith ZTX	3 Pole, 480 Volt	1998	G8
200	95.50200	Zenith ZTX	2 Pole, 240 Volt	2319	G8
200	95.50203	Zenith ZTX	3 Pole, 208 Volt	2974	G8
200	95.50202	Zenith ZTX	3 Pole, 240 Volt	2974	G8
200	95.50204	Zenith ZTX	3 Pole, 480 Volt	2974	G8
400	95.50400	Zenith ZTX	2 Pole, 240 Volt	4772	G8
400	95.70400	ASCO 300	2 Pole, 240 Volt	4004	G8
400	95.50403	Zenith ZTX	3 Pole, 208 Volt	5012	G8
400	95.50402	Zenith ZTX	3 Pole, 240 Volt	5012	G8
400	95.50404	Zenith ZTX	3 Pole, 480 Volt	5012	G8
NEMA-3R Enclosure					
100	95.50101	Zenith ZTX	2 Pole, 240 Volt	1468	G8
100	95.50113	Zenith ZTX	3 Pole, 208 Volt	2150	G8
100	95.50112	Zenith ZTX	3 Pole, 240 Volt	2150	G8
100	95.50114	Zenith ZTX	3 Pole, 480 Volt	2150	G8
200	95.50201	Zenith ZTX	2 Pole, 240 Volt	2478	G8
200	95.50213	Zenith ZTX	3 Pole, 208 Volt	3137	G8
200	95.50212	Zenith ZTX	3 Pole, 240 Volt	3137	G8
200	95.50214	Zenith ZTX	3 Pole, 480 Volt	3137	G8
400	95.50401	Zenith ZTX	2 Pole, 240 Volt	5241	G8
400	95.50413	Zenith ZTX	3 Pole, 208 Volt	5489	G8
400	95.50412	Zenith ZTX	3 Pole, 240 Volt	5489	G8
400	95.50414	Zenith ZTX	3 Pole, 480 Volt	5489	G8

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	Three Phase
Watts = Volts x Amps x Power Factor	Watts = Volts x Amps x Power Factor x 1.732
$\text{Amps} = \frac{\text{kW} \times 1000}{\text{V} \times \text{pf}}$	$\text{Amps} = \frac{\text{kW} \times 1000}{1.732 \times \text{V} \times \text{pf}}$
<p>Notes: 1 kilowatt (kW) = 1000 Watts</p> <p>Typical Power Factor for Single Phase is 1.0 (Unity)</p>	<p>Notes: 1 Kilowatt (kW) = 1000 Watts</p> <p>Typical Power Factor for Three Phase is 0.8</p>

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

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