

GASEOUS STANDBY/PRIME STATIONARY PRODUCT LINE

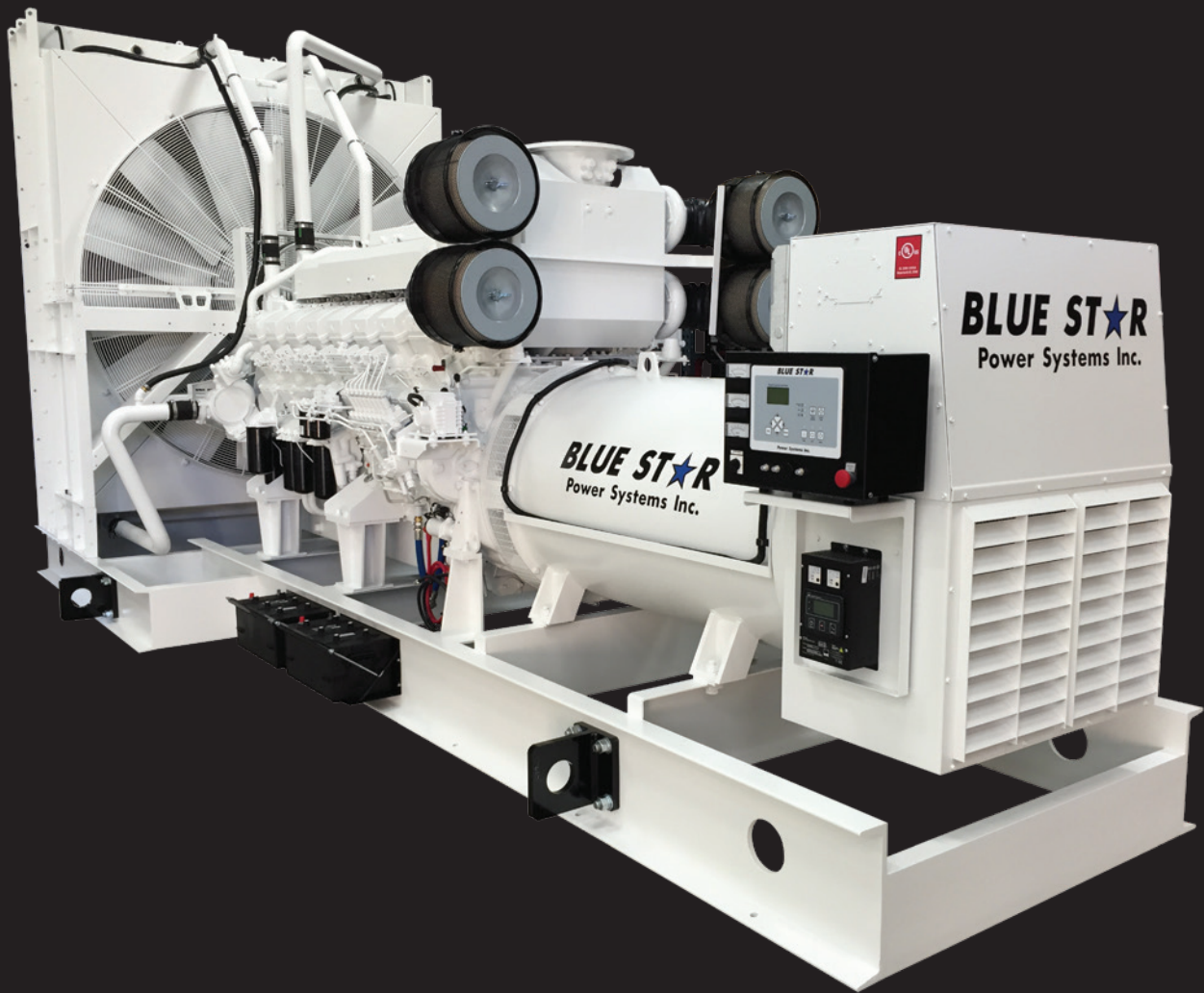


Blue Star Power Systems, Inc. offers gaseous generator sets ranging from 20 - 1050 kWe. From prime power to back-up emergency power, our experience in gaseous makes ease of a wide variety of applications in a multitude of environments. Special applications that require gaseous options because of local fuel codes, containment, or customer preferences are available in natural gas, propane, and combined fuel options. Meeting the most current EPA standards ensures offering the most innovative technical solutions for reducing emissions, and providing you with the best unit for your application. All units are UL 2200 Listed, CSA Certified, & Seismic Certified to IBC 2018.

Unit Model	NG kWe	LP kWe	EPA	Engine		Alternator Manufacturer	Low Voltage		Medium Voltage	
				Manufacturer	Model		3 Phase 208 - 600 Volt 0.8 PF	1 Phase 240 Volt 1.0 PF	3 Phase 4160 Volt 0.8 PF	3 Phase 13800 Volt 0.8 PF
PS25-01	20	20	Certified	Power Solutions Int.	PSI 2.4L	Marathon	Available	Available	N/A	N/A
PS25-02	25	25	Certified	Power Solutions Int.	PSI 3.0L	Marathon	Available	Available	N/A	N/A
PS25-02P	25	25	Certified	Power Solutions Int.	PSI 3.0L	Marathon	Available	Available	N/A	N/A
PS40-01	40	40	Certified	Power Solutions Int.	PSI 4.3L	Marathon	Available	Available	N/A	N/A
PS40-01P	35	35	Certified	Power Solutions Int.	PSI 4.3L	Marathon	Available	Available	N/A	N/A
GM50-03	50	50	Certified	General Motors	GM 5.7L	Marathon	Available	Available	N/A	N/A
GM60-02	60	60	Certified	General Motors	GM 5.7L	Marathon	Available	Available	N/A	N/A
GM60-02P	55	55	Certified	General Motors	GM 5.7L	Marathon	Available	Available	N/A	N/A
GM100-03	90	80	Certified	General Motors	GM 5.7LTCAC	Marathon	Available	Available	N/A	N/A
PS130-01	130	125	Certified	Power Solutions Int.	PSI 8.8LTCAC	Marathon	Available	Available	N/A	N/A
PS150-01	150	125	Certified	Power Solutions Int.	PSI 8.8LTCAC	Marathon	Available	Available	N/A	N/A
NG150-01	150	115	Certified	Power Solutions Int.	PSI 8.1LT	Marathon	Available	Available	N/A	N/A
NG150-01P	125	95	Certified	Power Solutions Int.	PSI 8.1LT	Marathon	Available	Available	N/A	N/A
NG200-01	190	130	Certified	Power Solutions Int.	PSI 11.1L	Marathon	Available	Available	N/A	N/A
NG200-01P	175	115	Certified	Power Solutions Int.	PSI 11.1L	Marathon	Available	Available	N/A	N/A
NG265-01	265	200	Certified	Power Solutions Int.	PSI 14.6L	Marathon	Available	Available	N/A	N/A
NG265-01P	250	175	Certified	Power Solutions Int.	PSI 14.6L	Marathon	Available	Available	N/A	N/A
NG300-01	300	200	Certified	Power Solutions Int.	PSI 14.6L	Marathon	Available	Available	N/A	N/A
NG350-01	350	260	Certified	Power Solutions Int.	PSI 18.3L	Marathon	Available	N/A	N/A	N/A
NG350-01P	320	220	Certified	Power Solutions Int.	PSI 18.3L	Marathon	Available	N/A	N/A	N/A
NG400-01	400	300	Certified	Power Solutions Int.	PSI 21.9L	Marathon	Available	N/A	Available	N/A
NG400-01P	375	250	Certified	Power Solutions Int.	PSI 21.9L	Marathon	Available	N/A	Available	N/A
NG425-01	425	300	Certified	Power Solutions Int.	PSI 21.9L	Marathon	Available	N/A	Available	N/A
NG500-01	500	400	Certified	Power Solutions Int.	PSI 31.8L	Marathon	Available	N/A	Available	N/A
NG500-01P	450	335	Certified	Power Solutions Int.	PSI 31.8L	Marathon	Available	N/A	Available	N/A
NG600-01	600	400	Certified	Power Solutions Int.	PSI 31.8L	Marathon	Available	N/A	Available	N/A
NG600-01P	525	335	Certified	Power Solutions Int.	PSI 31.8L	Marathon	Available	N/A	Available	N/A
NG650-01	650	400	Certified	Power Solutions Int.	PSI 31.8L	Marathon	Available	N/A	Available	N/A
NG650-01P	540	335	Certified	Power Solutions Int.	PSI 31.8L	Marathon	Available	N/A	Available	N/A
NG800-01	800	475	Certified	Power Solutions Int.	PSI 40.0L	Marathon	Available	N/A	Available	N/A
NG800-01P	650	C/F	Certified	Power Solutions Int.	PSI 40.0L	Marathon	Available	N/A	Available	N/A
NG1050-01	1050	700	Certified	Power Solutions Int.	PSI 53.0L	Marathon	Available	N/A	Available	C/F
NG1050-01P	850	C/F	Certified	Power Solutions Int.	PSI 53.0L	Marathon	Available	N/A	Available	C/F

P in unit model denotes Prime power unit.
Additional models including larger kWe ratings available upon request.

DIESEL STANDBY STATIONARY PRODUCT LINE



Blue Star Power Systems, Inc. offers diesel generator sets ranging from 20 - 2000 kWe powered by a wide variety of engines to suit our customers' most unique requirements. From our standard product line to our customized product, our quality and attention to detail is unparalleled. Our expertise and flexible customized solutions offer you the unique opportunity to receive a unit that is fit perfectly to you or your customer's particular application. Whether your need is continuous power, the ability to cover peak loads, or simply peace of mind with back-up emergency power, we have you covered. Our commitment to fuel efficiency, and current EPA emissions standards provide you with the most technologically advanced, environmentally friendly unit available. All units are UL 2200 Listed, CSA Certified, & Seismic Certified to IBC 2018.

Unit Model	Standby kWe	EPA	Engine		Alternator Manufacturer	Low Voltage		Medium Voltage	
			Manufacturer	Model		3 Phase 208 - 600 Volt 0.8 PF	1 Phase 240 Volt 1.0 PF	3 Phase 4160 Volt 0.8 PF	3 Phase 13800 Volt 0.8 PF
PD20-01IT4	20	IT4	Perkins	404D-22G	Marathon	Available	Available	N/A	N/A
PD30-01IT4	30	IT4	Perkins	404D-22TAG	Marathon	Available	Available	N/A	N/A
JD30-03IT4	30	IT4	John Deere	3029TFG89	Marathon	Available	Available	N/A	N/A
JD40-03	40	T3	John Deere	4045TF280	Marathon	Available	Available	N/A	N/A
PD50-01	50	T3	Perkins	1104D-44TG1	Marathon	Available	Available	N/A	N/A
JD50-03	50	T3	John Deere	4045TF280	Marathon	Available	Available	N/A	N/A
PD60-01	60	T3	Perkins	1104D-E44TG1	Marathon	Available	Available	N/A	N/A
JD60-02	60	T3	John Deere	4045TF280	Marathon	Available	Available	N/A	N/A
PD80-01	80	T3	Perkins	1104D-E44TAG2	Marathon	Available	Available	N/A	N/A
JD80-02	80	T3	John Deere	4045HF285	Marathon	Available	Available	N/A	N/A
PD100-01	100	T3	Perkins	1104D-E44TAG2	Marathon	Available	Available	N/A	N/A
JD100-01	100	T3	John Deere	4045HF285	Marathon	Available	Available	N/A	N/A
PD125-01	125	T3	Perkins	1106D-E70TAG2	Marathon	Available	Available	N/A	N/A
JD125-02	125	T3	John Deere	4045HF285	Marathon	Available	Available	N/A	N/A
PD150-01	150	T3	Perkins	1106D-E70TAG2	Marathon	Available	Available	N/A	N/A
JD150-01	150	T3	John Deere	6068HF285	Marathon	Available	Available	N/A	N/A
PD180-01	180	T3	Perkins	1106D-E70TAG4	Marathon	Available	Available	N/A	N/A
PD200-01	200	T3	Perkins	1106D-E70TAG5	Marathon	Available	Available	N/A	N/A
JD200-01	200	T3	John Deere	6068HFG85	Marathon	Available	Available	N/A	N/A
VD250-01	250	T3	Volvo Penta	TAD1350GE	Marathon	Available	Available	N/A	N/A
JD250-02	250	T3	John Deere	6090HF484	Marathon	Available	Available	N/A	N/A
JD275-02	275	T3	John Deere	6090HF484	Marathon	Available	Available	N/A	N/A
VD300-01	300	T3	Volvo Penta	TAD1351GE	Marathon	Available	Available	N/A	N/A
JD300-02	300	T3	John Deere	6090HFG86	Marathon	Available	Available	N/A	N/A
VD350-01	350	T3	Volvo Penta	TAD1352GE	Marathon	Available	N/A	N/A	N/A
VD400-01	400	T3	Volvo Penta	TAD1353GE	Marathon	Available	N/A	Available	N/A
VD450-01	450	T3	Volvo Penta	TAD1650GE	Marathon	Available	N/A	Available	N/A
VD500-01	500	T2	Volvo Penta	TAD1641GE	Marathon	Available	N/A	Available	N/A
VD550-01	550	T2	Volvo Penta	TAD1642GE	Marathon	Available	N/A	Available	N/A
VD600-01	600	T2	Volvo Penta	TWD1643GE	Marathon	Available	N/A	Available	N/A
MD800-01	800	T2	Mitsubishi	S12A2-Y2PTAW-2	Marathon	Available	N/A	Available	N/A
MD1000-01	1000	T2	Mitsubishi	S12H-Y2PTAW-1	Marathon	Available	N/A	Available	C/F
MD1250-01	1250	T2	Mitsubishi	S12R-Y2PTAW-1	Marathon	C/F	N/A	Available	C/F
MD1600-01	1600	T2	Mitsubishi	S16R-Y2PTAW-1	Marathon	C/F	N/A	Available	C/F
MD2000-01	2000	T2	Mitsubishi	S16R-Y2PTAW2-1	Marathon	C/F	N/A	Available	C/F

Additional models including larger kWe ratings available upon request.

TIER 4 FINAL STANDBY/
PRIME STATIONARY PRODUCT LINE



Blue Star Power Systems, Inc. offers EPA Tier 4 Final compliant generator sets ranging from 40 - 600 kWe. From prime power to peak shaving applications, our Tier 4 Final units meet all Federal, State and local emissions regulations that require certified Tier 4 Final engines. Our decision to use the proven SCR technology in most models has allowed us to eliminate DPF regeneration cycles, resulting in reduced down-time and maintenance of the exhaust after treatment system. This combined with our commitment to fuel efficiency improves performance and minimizes operating costs. All units are UL 2200 Listed, CSA Certified, & Seismic Certified to IBC 2018.

Unit Model	Standby kWe	Prime kWe	EPA	Engine		Alternator Manufacturer	Low Voltage		Medium Voltage
				Manufacturer	Model		3 Phase 208 - 600 Volt 0.8 PF	1 Phase 240 Volt 1.0 PF	3 Phase 4160 Volt 0.8 PF
JD40-04FT4	40	40	FT4	John Deere	3029HFG03	Marathon	Available	Available	N/A
JD60-04FT4	60	60	FT4	John Deere	4045HFG04	Marathon	Available	Available	N/A
JD80-03FT4	80	80	FT4	John Deere	4045HFG04	Marathon	Available	Available	N/A
VD100-02FT4	100	100	FT4	Volvo Penta	TAD571VE	Marathon	Available	Available	N/A
VD125-02FT4	125	125	FT4	Volvo Penta	TAD572VE	Marathon	Available	Available	N/A
VD150-02FT4	150	150	FT4	Volvo Penta	TAD871VE	Marathon	Available	Available	N/A
VD200-02FT4	200	200	FT4	Volvo Penta	TAD1170VE	Marathon	Available	Available	N/A
VD250-02FT4	250	250	FT4	Volvo Penta	TAD1371VE	Marathon	Available	Available	N/A
VD300-02FT4	300	300	FT4	Volvo Penta	TAD1373VE	Marathon	Available	Available	N/A
VD350-02FT4	350	350	FT4	Volvo Penta	TAD1670VE	Marathon	Available	N/A	N/A
VD400-02FT4	400	400	FT4	Volvo Penta	TAD1672VE	Marathon	Available	N/A	Available
VD550-02FT4	550	500	FT4	Volvo Penta	TWD1672GE	Marathon	Available	N/A	Available
VD600-02FT4	600	570	FT4	Volvo Penta	TWD1673GE	Marathon	Available	N/A	Available

TIER 4 FINAL MOBILE PRODUCT LINE



Blue Star Power Systems, Inc. offers mobile generators from 40 - 600 kWe for any application required. Every model is Tier 4 Final emissions EPA compliant. With reliable power and low operating costs, these units are ideal for rentals, peak shaving, and any application that requires versatile and convenient power. All units come equipped standard with powder coated Level 3 Enclosures and rugged steel constructed DOT certified trailers. Customizable receptacle packages and voltage changing switches are available.

Unit Model	Standby kWe	Prime kWe	EPA	Engine		Alternator Manufacturer	Low Voltage		Multiple Voltage
				Manufacturer	Model		3 Phase 208 - 600 Volt 0.8 PF	1 Phase 240 Volt 1.0 PF	1-3 Phase 208 - 480 Volt 0.8 - 1.0 PF
JD40-04FT4MP	40	40	FT4	John Deere	3029HFG03	Marathon	Available	Available	Available
JD60-04FT4MP	60	60	FT4	John Deere	4045HFG04	Marathon	Available	Available	Available
JD80-03FT4MP	80	80	FT4	John Deere	4045HFG04	Marathon	Available	Available	Available
VD100-02FT4MP	100	100	FT4	Volvo Penta	TAD571VE	Marathon	Available	Available	Available
VD125-02FT4MP	125	125	FT4	Volvo Penta	TAD572VE	Marathon	Available	Available	Available
VD150-02FT4MP	150	150	FT4	Volvo Penta	TAD871VE	Marathon	Available	Available	Available
VD200-02FT4MP	200	200	FT4	Volvo Penta	TAD1170VE	Marathon	Available	Available	Available
VD250-02FT4MP	250	250	FT4	Volvo Penta	TAD1371VE	Marathon	Available	Available	Available
VD300-02FT4MP	300	300	FT4	Volvo Penta	TAD1373VE	Marathon	Available	Available	Available
VD350-02FT4MP	350	350	FT4	Volvo Penta	TAD1670VE	Marathon	Available	N/A	Available
VD400-02FT4MP	400	400	FT4	Volvo Penta	TAD1672VE	Marathon	Available	N/A	Available
VD550-02FT4MP	550	500	FT4	Volvo Penta	TWD1672GE	Marathon	Available	N/A	Available
VD600-02FT4MP	600	570	FT4	Volvo Penta	TWD1673GE	Marathon	Available	N/A	Available

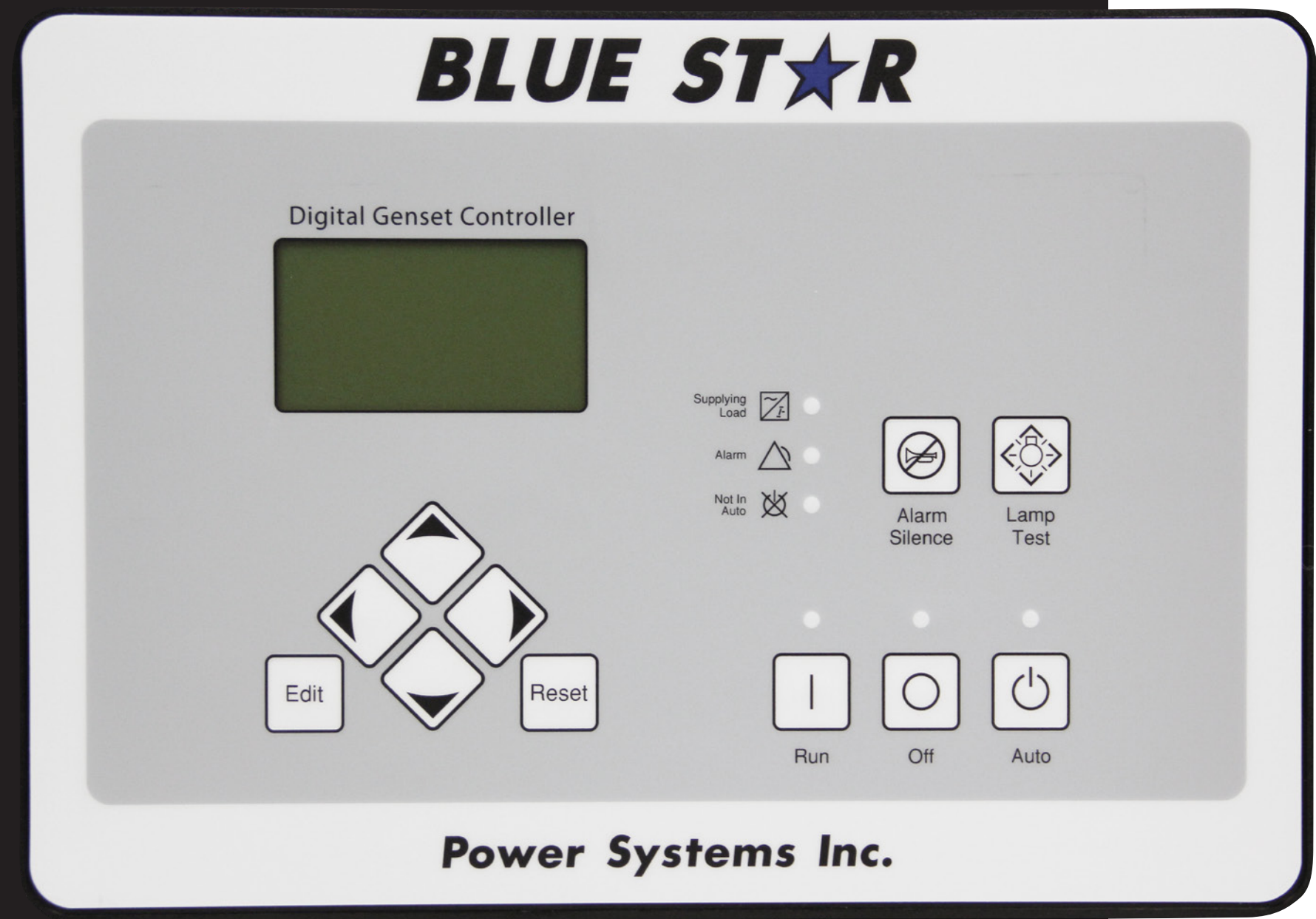
TRANSFER SWITCHES



Blue Star Power Systems, Inc. offers Schneider Electric ASCO Power Technologies Transfer Switches, delivering the best in class technology available. From light commercial to the critical power needs of health care, financial and data centers, ASCO has a switch to cover your needs. Available in a multitude of configurations to meet your design specifications.

Comparison Features	Series 185	Series 300 G	Series 4000	Series 7000
Intended Application	Light Commercial	Commercial / Light Industrial	Industrial	Mission Critical / Critical Power
Ampere sizes available	100 - 400	30 - 3,000	30 - 4,000	30 - 4,000
Phases Available	Single	Single or Three	Single or Three	Single or Three
Pole Counts Available	2	2, 3 or 4	2, 3 or 4	2, 3 or 4
Low Voltage	220 - 240V	115 - 600V	115 - 600V	115 - 600V
PRODUCT TYPE				
Open Transition Transfer Switch	Yes	Yes	Yes	Yes
Service Entrance Rated Transfer Switch	Yes	N/A	Yes	Yes
Power Transfer Load Center	Yes	N/A	N/A	Yes
Closed-Transition Transfer Switch	N/A	N/A	Yes	Yes
Delayed-Transition Transfer Switch	N/A	Yes	Yes	Yes
Soft Load Transfer	N/A	N/A	N/A	Yes
Bypass-Isolation transfer Switch	N/A	N/A	N/A	Yes
Closed-Transition Bypass-Isolation TS	N/A	N/A	N/A	Yes
Delayed-Transition Bypass-Isolation TS	N/A	N/A	N/A	Yes
Soft Load Bypass-Isolation TS	N/A	N/A	N/A	Yes
WITHSTAND AND CLOSE-ON RATINGS				
WCR when used with any circuit breaker	N/A	N/A	10 - 125kA	10 - 125kA
WCR when used with specific circuit breakers	10kA - 35kA	22 - 100kA	22 - 125kA	22 - 125kA
WCR when used with current limiting fuses	100 - 200kA	100 - 200kA	100 - 200kA	100 - 200kA
Withstand Short Time Rating	N/A	N/A	36 - 100kA	36 - 100kA
NEUTRAL CONFIGURATION				
Solid	Standard	Standard	Yes	Yes
Switched	N/A	Yes	Yes	Yes
Overlapped	N/A	N/A	N/A	Yes
Ground Termination	Yes	Yes	Yes	Yes
TIME DELAY SETTINGS				
Override Normal Source Momentary Outage	1 or 3 Seconds	0 to 6 Seconds	0 to 6 Seconds	0 to 6 Seconds
Transfer to Emergency	10 Seconds	0 to 60 Minutes 59 Seconds	0 to 60 Minutes	0 to 60 Minutes
Re-transfer to Normal Utility Power Loss Mode	5 Minutes	0 to 60 Minutes 59 Seconds	0 to 60 Minutes	0 to 60 Minutes
Engine Cool Down	2 or 5 Minutes	0 to 60 Minutes 59 Seconds	0 to 60 Minutes	0 to 60 Minutes
Override Emergency Source Momentary Outage	4 Seconds	0 to 6 Seconds	0 to 60 Minutes	0 to 60 Minutes
Emergency Exerciser	7 Day	7 Day	Programmable	Programmable
INDICATION AND CONTROLS				
Load Connected to Normal	Yes	Yes	Yes	Yes
Load Connected to Emergency	Yes	Yes	Yes	Yes
Normal Source Available	Yes	Yes	Yes	Yes
Emergency Source Available	Yes	Yes	Yes	Yes
Transfer Test Switch	Yes	Yes	Yes	Yes
Terminals for Remote Transfer Control	Standard	Standard	Standard	Standard
By-pass Time Delay	Yes	Yes	Yes	Yes
Transfer Inhibit	N/A	Yes	Yes	Yes
In-Phase Monitor	N/A	Yes	Yes	Yes
Load Disconnect Contacts with Time Delay	N/A	Standard	Optional	Optional
Event Log	N/A	Optional	Yes	Yes
Power Manager	N/A	Optional	Optional	Optional
Transfer Controls Lock Out	N/A	N/A	Yes	Optional
ENCLOSURES				
Type 1 / 3R	Yes	Yes	Yes	Yes
Type 4 / 4X / 12	N/A	Yes	Yes	Yes
CONNECTIVITY				
RS-485 Serial	N/A	Yes	Yes	Yes
Ethernet	Yes	Yes	Yes	Yes
Modbus	N/A	Yes	Yes	Yes
Monitoring and Control via ASCO Products	Yes	Yes	Yes	Yes

CONTROL PANEL



Blue Star Power Systems, Inc's Digital Gen-Set Controller (DGC-2020) is a highly advanced integrated gen-set control system. The DGC-2020 is perfectly focused, combining rugged construction and microprocessor technology to offer a product that will hold up to almost any environment and flexible enough to meet your application's needs. This device provides gen-set control, transfer switch control, metering, protection and programmable logic in a simple, non-proprietary, easy to use, reliable, rugged, and cost effective package.

STANDARD FEATURES

- Non-proprietary software
- Three-phase generator metering
- Engine metering and gen-set control
- Engine protection: oil pressure, engine temperature, overspeed, overcrank
- BESTCOMS Plus:
 - Programming and setup software
 - Intuitive and powerful
 - Remote control and monitoring
 - Programmable logic
 - USB communications
 - RS485 modbus protocol
- SAE J1939 engine ECU communications (where applicable)
- Extremely rugged, fully encapsulated design
- 16 Programmable inputs
- 15 Contact outputs: (3) 30ADC and (12) programmable 2ADC rated contacts
- Wide ambient temperature range
- UL recognized, CSA certified, CE approved
- HALT (highly accelerated life test) tested
- IP54 front panel rating with integrated gasket
- NFPA110 level one compliant
- Real time clock with battery backup and event log
- Emergency stop pushbutton
- Resistive sender inputs for oil pressure and coolant temperature
- Current sensing: 5A CT inputs
- Generator frequency: 50/60 Hz
- LCD display heater to -40°F
- Event recording (up to 99 occurrences)

ENCLOSURES

Blue Star Power Systems, Inc. gen-set enclosures are specifically designed for optimal protection against the elements. They are designed to protect the entire system from even the most extreme environments, and to reduce sound levels to most specified requirements. Blue Star Power Systems, Inc's flexibility allows the design of standard enclosures to meet most specifications or requirements. All standard enclosure models are constructed of 14 gauge steel and feature a pitched roof for increased structural integrity and superior watershed. All enclosures feature a rugged UL listed hammer powder coat finish as standard for a long lasting and durable finish in standard white or gray. Custom colors are available as specified.



ENCLOSURE FEATURES

- | | |
|--|---|
| UL 2200 & CSA Listed as standard | Pitched roof for high structural integrity and superior watershed |
| All enclosures are 200 MPH wind rating certified in accordance with IBC2018 & ASCE/SEI 7-16 standards. | Above-door drip guards |
| Lockable gasketed doors with draw down latches and Stainless Steel component hinges | Optimal airflow means no cooling system de-rates |
| All Stainless Steel fasteners | Internally mounted exhaust silencers standard up to 600 kW |
| UL & CSA listed extreme-wear hammer powder coat finish | Sound attenuation options |
| | Stainless Steel and Aluminum enclosure options |
| | Modular design for ease of in-field upgrades |



FUEL TANKS

Blue Star Power Systems, Inc. sub-base fuel tanks are listed and manufactured under UL 142 & ULC-S601 standards for steel above ground tanks, which guarantees that every fuel tank meets the structural and mechanical integrity requirements for mounting a generator set directly on top of the tank. This provides a convenient, efficient, and safe way to store fuel for your gen-set.



FUEL TANK FEATURES

- | | |
|---|--|
| Double walled secondary containment UL 142 & ULC-S601 Listed | Standard fittings: |
| Electrical stub-up openings are standard to provide generator set wiring provisions through the base tank | - Removable fuel supply dip tube with check valve (sized per unit) |
| Heavy gauge steel construction | - Removable fuel return dip tube (sized per unit) |
| Durable two part catalyzed epoxy finish paint, extreme-wear hammer powder coat finish, or a polyurea textured coating | - 2" NPT for normal vent |
| Interior tank baffle: Separates cold engine supply fuel from hot returning fuel | - 2" - 6" NPT for emergency vents (sized per unit) |
| Direct reading fuel level gauge | - 2" NPT for manual fill |
| Low fuel level and fuel leak alarms | - 1 1/2" NPT for fuel level gauge |
| | - 1/2" NPT basin drain (plugged) |
| | - 1 1/2" NPT for leak detection |