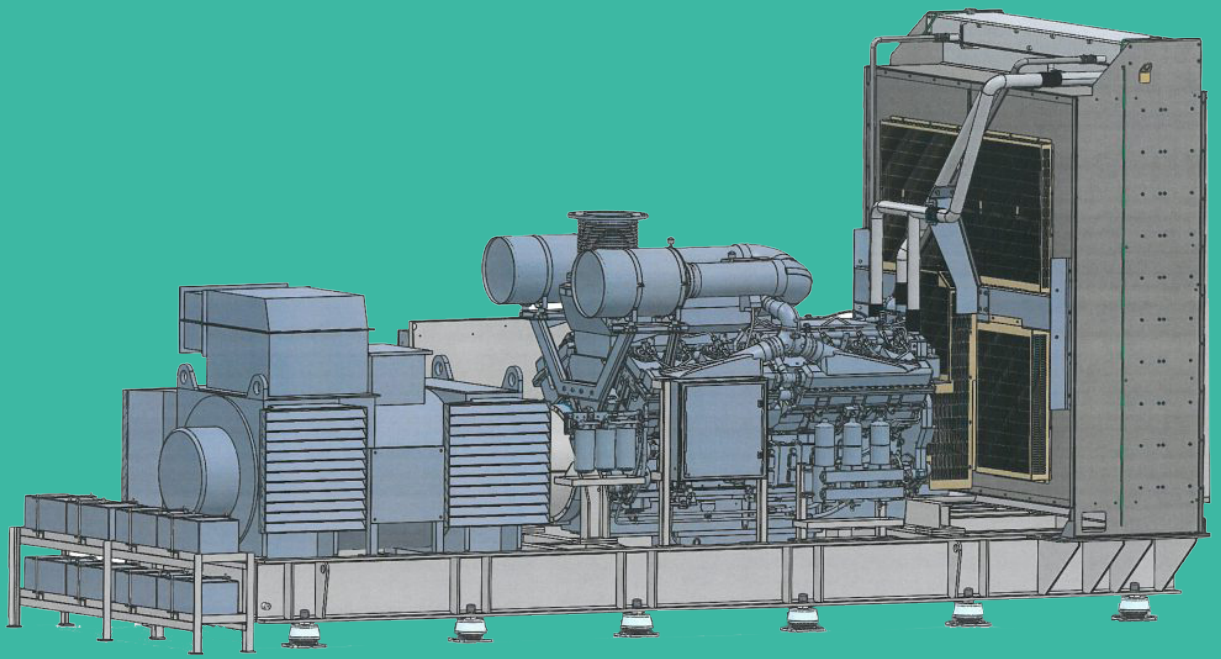
Heathrow Airport, Terminal 5
G&M Tex supplies generators
to UK's major airports

CAIGATETEX
ENERGY SOLUTIONS

60Hz



60Hz - Generator Sets

Meeting your emergency, standby, prime and continuous power generation needs with superior quality generator sets and complete power systems.

G&M TEX is a **leading global manufacturer** of high quality generator sets and a provider of complete power generation systems.

We have **over 80 years experience** in power generation. We are trusted to deliver a wide range of standard and bespoke systems – from diesel generators to Uninterruptible Power Supplies (UPS) – plus turnkey power supply solutions, worldwide.

G&M TEX was one of the first power generation companies to be approved to **ISO 9001 standards** and quality drives every aspect of our business.

Our superior designs use **high quality components** throughout; not just in the generator sets but also the baseframes, canopies, containers and control panels.

Our full product range of single units extends from 9kW to 3200kW. All units can be combined to meet the requirements of larger projects for a broad range of applications delivering standby, prime or continuous power.

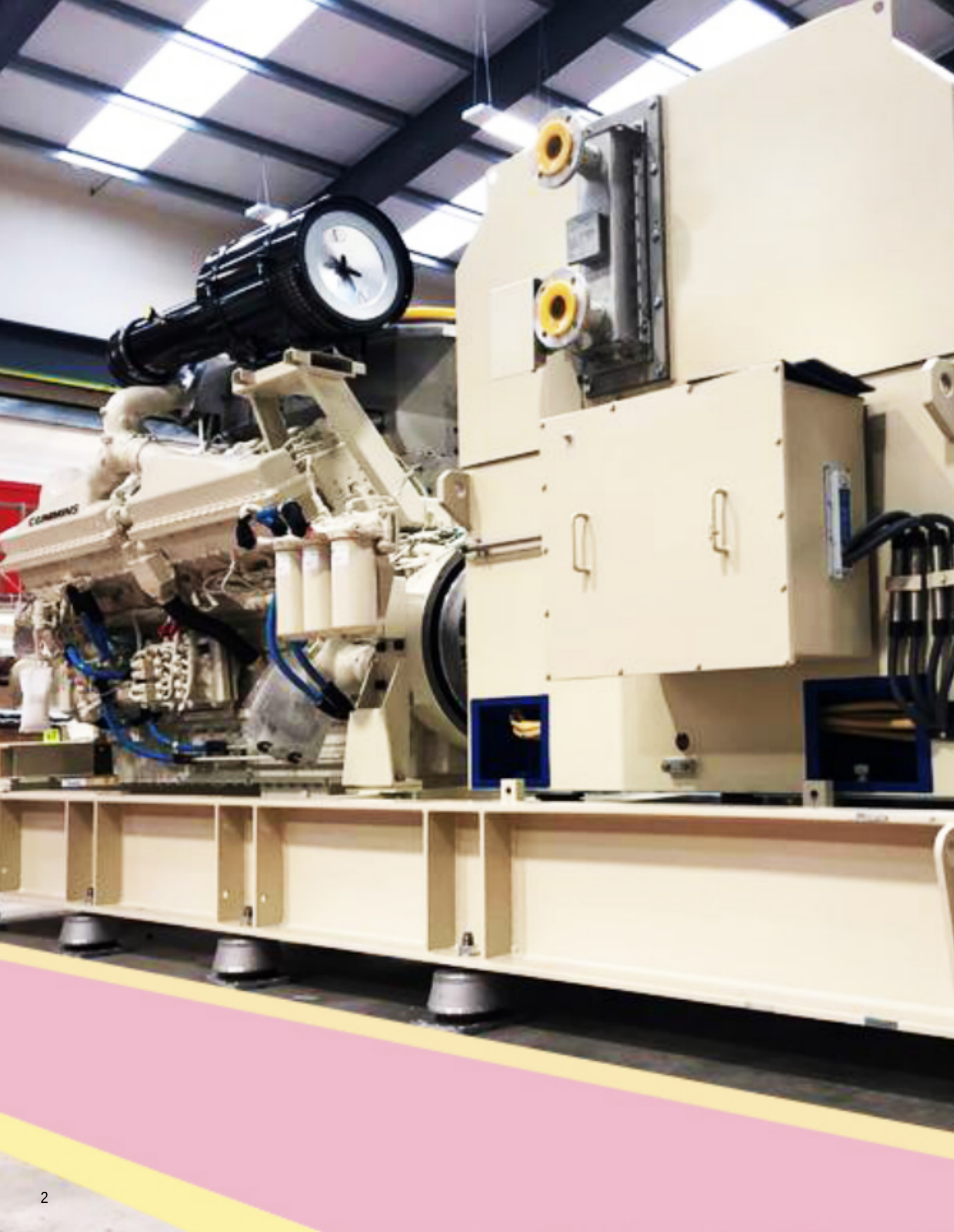
We will work with you to implement any **product modifications** that you may need specifically for your project.

Our generator set range includes:

- **Diesel and gas powered**
- **Trailer mounted, diesel powered**
- **Gas and co-generation**
- **Oil and gas**
- **Marine**
- **Medium speed**
- **Gas turbines**
- **Bespoke**
- **Rental**

We also provide a wide range of static and rotary Uninterruptible Power Supply (UPS) systems.

contents



60Hz diesel generator sets

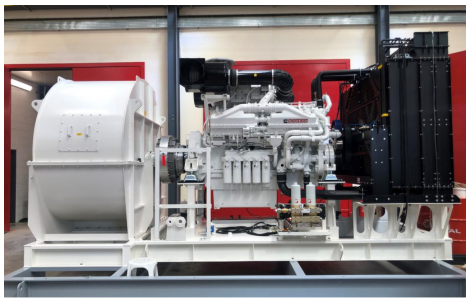
Superior quality generator sets from 9kW to 3200kW powered by engines from world-renowned manufacturers.

This brochure provides the main specifications and options available for models in our 60Hz diesel product ranges.

More information on our comprehensive product range plus technical updates can be found on our website **www.gmtex.co.uk**

BESPOKE SOLUTIONS

We offer a very wide range of high quality standard generator sets and we also offer a bespoke service to help tailor generator sets to suit your specific needs. Contact our sales department or local regional sales office.



OPTIONS

All the necessary mechanical and electrical options are available for every range.

ACOUSTIC PACKAGES

We develop and supply canopies, weatherproof enclosures and container packages for outdoor all-weather use in the harshest of environments with acoustic performance to meet the most stringent specification.

CONTROL PANELS

All generator sets are supplied with a comprehensive digital control panel offering a user-friendly interface as standard. Further options are available providing even greater control system flexibility.

Generator set designations and definition of ratings

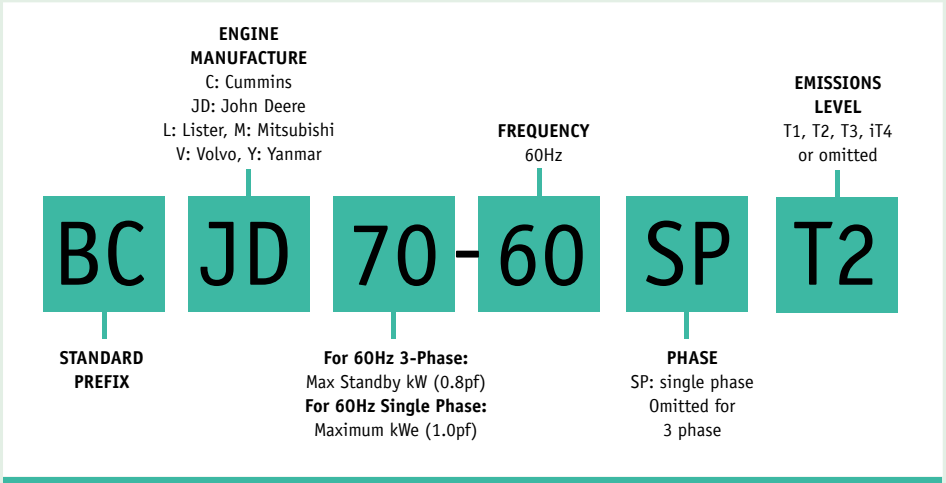
All generator model designations begin with the prefix **BC**.
The following letter(s) are used to indicate the manufacturer of the engine on which the generator is based.
For example –

Cummins:	**BCC**
John Deere:	**BCJD**
Mitsubishi:	**BCM**
MTU:	**BCMU**
Perkins:	**BCP**
Volvo:	**BCV**
Yanmar:	**BCY**

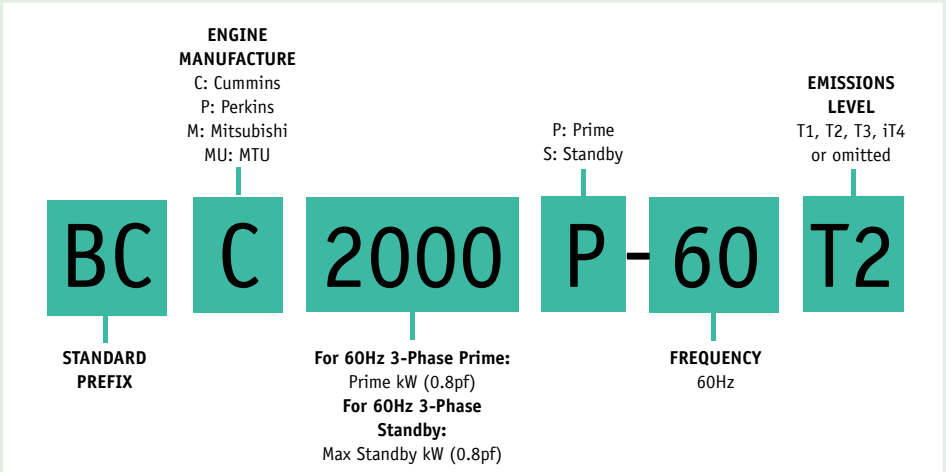
For the Midi, John Deere, Cummins and Volvo Ranges:
The next part of the designation is a number which represents the rating of the generator followed by a frequency & phase indicator thus –
60Hz 3-Phase:
[max standby rating in kW] -60
60Hz Single Phase:
[maximum rating in kWe] -60SP

For the Cummins, Mitsubishi, MTU and Perkins Ranges:
The next part of the designation is a number which represents the rating of the generator followed by the 'P' or 'S' indicator, followed by a frequency indicator thus –
60Hz 3-Phase Prime:
[prime rating in kW] P-60
60Hz 3-Phase Standby:
[max standby rating in kW] S-60

The final part of the designation indicates the appropriate level of emissions certification, if applicable.
For example –
60Hz, compliant with EPA Tier 1: T1
60Hz, compliant with EPA Tier 2: T2
60Hz, compliant with EPA Tier 3: T3
60Hz, compliant with EPA Interim Tier 4: iT4



Summary for the Midi, Cummins, John Deere and Volvo Ranges



Summary for the Cummins, Mitsubishi, MTU and Perkins Ranges

9kW to 36kW generator sets

MIDI RANGE 60Hz EMISSION COMPLIANT

3 PHASE 220/127V – 240/138V, 440/254V – 480/277V EPA 2010 COMPLIANT

		Prime Rating (PRP)		Standby Rating (ESP)		Engine Specifications					Open Set Version			Canopy Version
Engine Manufacturer	Genset Model	kVA	kWe	kVA	kWe	Engine Model	Cylinder Arrangement	Cubic Capacity (in³)	Fuel Cons 100% Load (US gal/hr)	Alternator Model	Dimensions Length x Width x Height (in)	Weight (wet) (lb)	Fuel Tank Capacity (US gal)	Enclosure Type
John Deere	**BCJD 21-60 iT4**	23.5	18.8	25.9	20.7	4024 TF281	4 in line	149	2.2	PI 144 D	65 x 27 x 53	1553	22	M 2
	BCJD 30-60 iT4	34	27.2	37.5	30	4024 TF281	4 in line	149	2.79	PI 144 G	65 x 27 x 53	1553	22	M 2
Mitsubishi	**BCM 11-60 T4**	12.5	10	14.2	11.4	S3L2-W362SD	3 in line	80.5	1.2	PI 044 F	52 x 21 x 50	1380	15	M 1
	BCM 15-60 iT4	17	13.6	19.2	15.4	S4L2-Y362SD	4 in line	107.3	1.5	PI 044 G	52 x 21 x 50	1444	15	M 1
	BCM 21-60 iT4	23.8	19	26.3	21	S4Q2-Y362SD	4 in line	153	2.2	PI 144 D	65 x 26 x 46	1545	15	M 1
	BCM 31-60 iT4	35.3	28.2	38.8	31	S4S-Y362SD	4 in line	203.3	3.0	PI 144 G	65 x 26 x 50	2040	22	M 2
Yanmar	**BCY 9-60 T4**	11.2	9	—	—	3TNV 76 BGB	3 in line	68.1	0.9	PI 044 E	55 x 25 x 52	1535	15	M 1
	BCY 14-60 T4	16.9	13.5	—	—	3TNV 88 BGB	3 in line	100.2	1.3	PI 044 G	55 x 25 x 52	1535	15	M 1
	BCY 18-60 iT4	22.5	18	—	—	4TNV 88 BGB	4 in line	133.6	1.7	PI 144 D	55 x 25 x 52	1550	15	M 1
	BCY 36-60 iT4	45	36	—	—	4TNV 98 BGB	4 in line	202.5	3.2	PI 144 J	67 x 28 x 52	2105	22	C 2

RATING DEFINITIONS

Prime Power (PRP)
These ratings are suitable for continuous operation in a variable load application in lieu of the main power network. There is no limitation to the annual hours of operation. A 10% overload is available for 1 hour in every 12 hours of operation, with the exception of BCY models.

Standby Power (ESP)
These ratings are suitable for the supply of emergency power in a variable load application in the event of a main power network failure for a limited number of hours per year. No overload is available.

All 3 phase ratings at 0.8 Power Factor.

STANDARD REFERENCE CONDITIONS

Output ratings are based on gensets operating at: 25°C (77°F) air inlet temperature, 100 kPa barometric pressure [110m (361ft) altitude] and 30% relative humidity.
For de-rating, please consult G&M TEX Sales Department.

NOTES

All data in accordance with ISO3046, DIN6271, ISO8528 standards. Other voltages available, please refer to Data Sheet or consult G&M TEX Sales Department.
Specifications and design subject to change without notice.

BCM 31-60 iT4:
engine S4S-Y362SD, alternator PI 144 G, control panel BC7210E-M

9kW to 36kW generator sets

MIDI RANGE 60Hz EMISSION NON-COMPLIANT

3 PHASE 220/127V – 240/138V, 440/254V – 480/277V EPA 2010 NON-COMPLIANT

		Prime Rating (PRP)		Standby Rating (ESP)		Engine Specifications					Open Set Version			Canopy Version
Engine Manufacturer	Genset Model	kVA	kWe	kVA	kWe	Engine Model	Cylinder Arrangement	Cubic Capacity (in³)	Fuel Cons 100% Load (US gal/hr)	Alternator Model	Dimensions Length x Width x Height (in)	Weight (wet) (lb)	Fuel Tank Capacity (US gal)	Enclosure Type
Mitsubishi	**BCM 11-60**	12.5	10	14.2	11.4	S3L2-W262SD	3 in line	80.5	1.2	PI 044 F	52 x 21 x 50	1380	15	M 1
	BCM 15-60	17	13.6	19.2	15.4	S4L2-Y262SD	4 in line	107.3	1.5	PI 044 G	52 x 21 x 50	1444	15	M 1
	BCM 21-60	23.8	19	26.3	21	S4Q2-Y262SD	4 in line	153	2.2	PI 144 D	65 x 26 x 50	1545	15	M 1
	BCM 31-60	35.3	28.2	38.8	31	S4S-Y262SD	4 in line	203.3	3.0	PI 144 G	65 x 26 x 50	2040	22	M 2
Yanmar	**BCY 9-60**	11.2	9.0	—	—	3TNV 76 GB	3 in line	85.2	1.0	PI 044 E	45 x 30 x 43	1450	15	M 1
	BCY 14-60	16.9	13.5	—	—	3TNV 88 GB	3 in line	100.2	1.2	PI 044 G	55 x 25 x 52	1535	15	M 1
	BCY 18-60	22.5	18	—	—	4TNV 88 GB	4 in line	133.6	1.6	PI 144 D	55 x 25 x 52	1546	15	M 1
	BCY 36-60	45	36	—	—	4TNV 98 GB	4 in line	150.5	1.9	PI 144 J	65 x 26 x 50	1938	22	M 2
Cummins	**BCC 20-60**	22.5	18	25	20.0	X2.5-G4	3 in line	153	6.0	PI 144 E	65 x 26 x 46	1545	22	M 2

RATING DEFINITIONS

Prime Power (PRP)
These ratings are suitable for continuous operation in a variable load application in lieu of the main power network. There is no limitation to the annual hours of operation. A 10% overload is available for 1 hour in every 12 hours of operation, with the exception of BCY models.

Standby Power (ESP)
These ratings are suitable for the supply of emergency power in a variable load application in the event of a main power network failure for a limited number of hours per year. No overload is available.

All 3 phase ratings at 0.8 Power Factor.

STANDARD REFERENCE CONDITIONS

Output ratings are based on gensets operating at: 25°C (77°F) air inlet temperature, 100 kPa barometric pressure [110m (361ft) altitude] and 30% relative humidity.
For de-rating, please consult G&M TEX Sales Department.

NOTES

All data in accordance with ISO3046, DIN6271, ISO8528 standards. Other voltages available, please refer to Data Sheet or consult G&M TEX Sales Department.
Specifications and design subject to change without notice.

BCY 18-60:
engine 4TNV 88 GB, alternator PI 144 D, control panel BC701E-M

optimal performance with excellent fuel economy

8kW to 35kW generator sets

MIDI RANGE 60Hz EMISSION COMPLIANT

1 PHASE 220/110V – 240/120V EPA 2010 COMPLIANT

		Prime Rating (PRP)	Standby Rating (ESP)	Engine Specifications					Open Set Version			Canopy Version
Engine Manufacturer	Genset Model	kWe (kVA)	kWe (kVA)	Engine Model	Cylinder Arrangement	Cubic Capacity (in^3)	Fuel Cons 100% Load (US gal/hr)	Alternator Model	Dimensions Length x Width x Height (in)	Weight (wet) (lb)	Fuel Tank Capacity (US gal)	Enclosure Type
John Deere	**BCJD 23-60SP iT4**	20	23	4024 TF281	4 in line	149	2.2	PI 144 D	65 x 26 x 53	1555	22	M 2
	BCJD 30-60SP iT4	26	30	4024 TF281	4 in line	149	2.79	PI 144 G	65 x 26 x 53	1555	22	M 2
Mitsubishi	**BCM 11-60SP T4**	9.5	11	S3L2-W362SD	3 in line	80.5	1.2	PI 044 F	52 x 21 x 50	1380	15	M 1
	BCM 15-60SP iT4	13.3	15	S4L2-Y362SD	4 in line	107.3	1.5	PI 044 G	52 x 21 x 50	1444	15	M 1
	BCM 22-60SP iT4	19.7	21.5	S4Q2-Y362SD	4 in line	153	2.2	PI 144 D	65 x 26 x 50	1545	15	M 1
	BCM 31-60SP iT4	28.8	31	S4S-Y362SD	4 in line	203.3	3.0	PI 144 G	65 x 26 x 50	2040	22	M 2
Yanmar	**BCY 8-60 SP T4**	8	—	3TNV 76 BGB	3 in line	86.3	1.1	PI 044 E	45 x 22 x 45	1250	15	M 1
	BCY 13-60SP T4	12.5	—	3TNV 88 BGB	3 in line	100.2	1.3	PI 044 F	55 x 25 x 52	1535	15	M 1
	BCY 18-60SP iT4	18	—	4TNV 88 BGB	4 in line	133.6	1.7	PI 144 D	55 x 25 x 52	1550	15	M 1
	BCY 35-60 SP iT4	35	—	4TNV 98 BGB	4 in line	145.1	1.9	PI 144 H	65 x 26 x 50	2120	22	C 2

RATING DEFINITIONS

Prime Power (PRP)
These ratings are suitable for continuous operation in a variable load application in lieu of the main power network. There is no limitation to the annual hours of operation. A 10% overload is available for 1 hour in every 12 hours of operation, except when using Yanmar engines.

Standby Power (ESP)
These ratings are suitable for the supply of emergency power in a variable load application in the event of a main power network failure for a limited number of hours per year. No overload is available.

All single phase ratings at 1.0 Power Factor.

STANDARD REFERENCE CONDITIONS

Output ratings are based on gensets operating at: 25°C
Output ratings are based on gensets operating at: 25°C (77°F) air inlet temperature, [110m (361ft) altitude] and 30% relative humidity.
For de-rating, please consult G&M TEX Sales Department.

NOTES

All data in accordance with ISO3046, DIN6271, ISO8528 standards. Other voltages available, please refer to Data Sheet or consult G&M TEX Sales Department.
Specifications and design subject to change without notice.

BCJD23-60SP iT4:
engine 4024 TF281, alternator PI 144 D, control panel BC 701E-M

8kW to 35kW generator sets

MIDI RANGE 60Hz EMISSION NON-COMPLIANT

1 PHASE 220/110V – 240/120V EPA 2010 NON-COMPLIANT												
		Prime Rating (PRP)	**Standby Rating (ESP)**	**Engine Specifications**					**Open Set Version**			**Canopy Version**
Engine Manufacturer	Genset Model	kWe (kVA)	kWe (kVA)	Engine Model	Cylinder Arrangement	Cubic Capacity (in^3)	Fuel Cons 100% Load (US gal/hr)	Alternator Model	Dimensions Length x Width x Height (in)	Weight (wet) (lb)	Fuel Tank Capacity (US gal)	Enclosure Type
John Deere	**BCJD 23-60 SP**	20	23	4024 TF270	4 in line	149	2.2	PI 144 D	65 x 27 x 53	1555	22	M 2
	BCJD 30-60 SP	26	30	4024 TF270	4 in line	149	2.79	PI 144 G	65 x 27 x 53	1555	22	M 2
Yanmar	**BCY 8-60 SP**	8	—	3TNV 76 GB	3 in line	86.3	1.1	PI 044 E	45 x 22 x 45	1250	15	M 1
	BCY 13-60 SP	12.5	—	3TNV 88 GB	3 in line	100.2	1.2	PI 044 F	55 x 25 x 52	1535	15	M 1
	BCY 18-60 SP	18	—	4TNV 88 GB	4 in line	133.6	1.6	PI 144 D	55 x 25 x 52	1550	15	M 1
	BCY 35-60 SP	35	—	4TNV 98 GB	4 in line	145.1	1.9	PI 144 H	65 x 26 x 50	2120	22	M 2
Mitsubishi	**BCM 11-60 SP**	9.5	11	S3L2-W262SD	3 in line	80.5	1.2	PI 044 F	52 x 21 x 50	1380	15	M 1
	BCM 15-60 SP	13.3	15	S4L2-Y262SD	4 in line	107.3	1.5	PI 044 G	52 x 21 x 50	1444	15	M 1
	BCM 22-60 SP	19.7	21.5	S4Q2-Y262SD	4 in line	153	2.2	PI 144 D	65 x 26 x 46	1545	15	M 1
	BCM 31-60 SP	28.8	31	S4S-Y262SD	4 in line	203.3	3.0	PI 144 G	65 x 26 x 50	2040	22	M 2
Cummins	**BCC 19-60 SP**	17.5	19.2	X2.5-G4	3 in line	153	6.0	PI 044 H	65 x 26 x 46	1545	22	M 2

RATING DEFINITIONS

Prime Power (PRP)
These ratings are suitable for continuous operation in a variable load application in lieu of the main power network. There is no limitation to the annual hours of operation. A 10% overload is available for 1 hour in every 12 hours of operation, except when using Yanmar engines.

Standby Power (ESP)
These ratings are suitable for the supply of emergency power in a variable load application in the event of a main power network failure for a limited number of hours per year. No overload is available.

All single phase ratings at 1.0 Power Factor.

STANDARD REFERENCE CONDITIONS

Output ratings are based on gensets operating at: 25°C (77°F) air inlet temperature, [110m (361ft) altitude] and 30% relative humidity.
For de-rating, please consult G&M TEX Sales Department.

NOTES

All data in accordance with ISO3046, DIN6271, ISO8528 standards. Other voltages available, please refer to Data Sheet or consult G&M TEX Sales Department.
Specifications and design subject to change without notice.

BCJD 30-60SP:
engine 4024 TF270, alternator PI 144 G, control panel BC7210E-M

21kW to 416kW generator sets

JOHN DEERE RANGE 60Hz EMISSION COMPLIANT & NON-COMPLIANT

3 PHASE 220/127V – 240/138V, 440/254V – 480/277V EPA 2010 COMPLIANT

	Prime Rating (PRP)		Standby Rating (ESP)		Engine Specifications					Open Set Version			Canopy Version
Genset Model	kVA	kWe	kVA	kWe	Engine Model	Cylinder Arrangement	Cubic Capacity (in³)	Fuel Cons 100% Load (US gal/hr)	Alternator Model	Dimensions Length x Width x Height (in)	Weight (wet) (lb)	Fuel Tank Capacity (US gal)	Enclosure Type
BCJD 50-60 T3	57	46	63	50	4024 HF285	4 in line	146	4.2	UCI 224 D	82 x 27 x 56	2030	41	C 1
BCJD 60-60 T3	69	55	75	60	5030 HF285	5 in line	186	5.0	UCI 224 F	90 x 34 x 58	2030	59	C 2
BCJD 80-60 T3	90	72	100	80	4045 HF285	4 in line	276	6.6	UCI 224 G	90 x 34 x 62	2830	59	C 2
BCJD 100-60 T3	113	90	125	100	4045 HF285	4 in line	276	8.2	UCI 274 C	90 x 34 x 57	2830	59	C 2
BCJD 140-60 T3	160	128	175	140	6068 HF285	6 in line	414	9.6	UCI 274 E	107 x 32 x 64	4012	66	C 3
BCJD 155-60 T3	175	140	194	155	6068 HF285	6 in line	414	11.8	UCI 274 F	107 x 32 x 64	4012	66	C 3
BCJD 200-60 T3	238	190	250	200	6068 HF485	6 in line	414	15.5	UCI 274 H	107 x 32 x 64	4012	66	C 4
BCJD 250-60 T3	280	224	313	250	6090 HF485	6 in line	549	18.0	UCDI 274 K	133 x 53 x 79	8155	92	C 4A
BCJD 275-60 T3	313	250	344	275	6090 HF485	6 in line	549	20.2	HCI 444 D	133 x 53 x 79	8158	172	C 4A
BCJD 350-60 T3	400	320	438	350	6135 HF485	6 in line	824	26.3	HCI 444 E	135 x 50 x 90	8820	225	C 6
BCJD 405-60 T3	460	368	506	405	6135 HF485	6 in line	824	30.3	HCI 444 F	135 x 50 x 90	8820	225	C 6

3 PHASE 220/127V – 240/138V, 440/254V – 480/277V EPA 2010 NON-COMPLIANT

	Prime Rating (PRP)		Standby Rating (ESP)		Engine Specifications					Open Set Version			Canopy Version
Genset Model	kVA	kWe	kVA	kWe	Engine Model	Cylinder Arrangement	Cubic Capacity (in³)	Fuel Cons 100% Load (US gal/hr)	Alternator Model	Dimensions Length x Width x Height (in)	Weight (wet) (lb)	Fuel Tank Capacity (US gal)	Enclosure Type
BCJD 21-60	23.8	19	26.3	21	3029 DF128	3 in line	177	1.9	PI 144 D	65 x 34 x 54	1785	22	C 1
BCJD 28-60	32	26	35	28	3029 DF128	3 in line	177	2.4	PI 144 F	65 x 34 x 54	1830	22	C 1
BCJD 40-60	46	37	50	40	3029 TF158	3 in line	177	3.3	PI 144 J	82 x 27 x 56	1920	41	C 1
BCJD 70-60	81	65	88	70	4045 TF158	4 in line	276	5.4	UCI 224 F	82 x 27 x 56	2855	59	C 2
BCJD 80-60	90	72	100	80	4045 TF258	4 in line	276	6.1	UCI 224 G	90 x 34 x 57	2855	59	C 2
BCJD 100-60	115	92	125	100	4045 HF158	4 in line	276	7.9	UCI 274 C	90 x 34 x 57	2866	59	C 2
BCJD 125-60	140	112	156	125	6068 TF258	6 in line	276	9.3	UCI 274 E	107 x 32 x 59	3715	66	C 3
BCJD 150-60	175	140	188	150	6068 HF158	6 in line	414	12.2	UCI 274 F	107 x 32 x 64	3915	66	C 3
BCJD 190-60	213	170	238	190	6068 HF258	6 in line	414	13.7	UCI 274 H	107 x 32 x 64	4012	66	C 3
BCJD 225-60	240	192	281	225	6081 HF001	6 in line	496	16.4	UCDI 274 J	121 x 43 x 71	5215	92	C 4
BCJD 250-60	280	224	313	250	6081 HF001	6 in line	496	19.5	UCDI 274 K	121 x 43 x 71	5545	92	C 4
BCJD 310-60	350	280	388	310	6125 HF070	6 in line	763	24.6	HCI 444 D	133 x 46 x 84	7736	172	C 5
BCJD 416-60	470	376	520	416	6125 HF070	6 in line	763	31.2	HCI 444 F	133 x 46 x 84	8177	172	C 5

RATING DEFINITIONS

Prime Power (PRP)
These ratings are suitable for continuous operation in a variable load application in lieu of the main power network. There is no limitation to the annual hours of operation. A 10% overload is available for 1 hour in every 12 hours of operation.

Standby Power (ESP)
These ratings are suitable for the supply of emergency power in a variable load application in the event of a main power network failure for a limited number of hours per year. No overload is available.

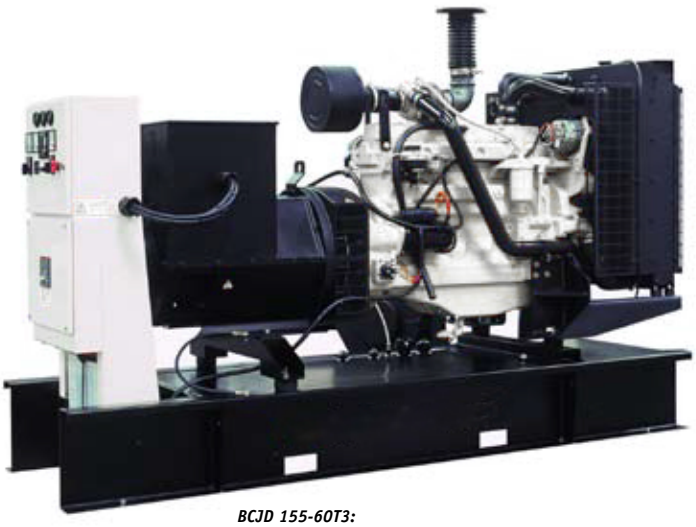
All 3 phase ratings at 0.8 Power Factor.

STANDARD REFERENCE CONDITIONS

Output ratings are based on gensets operating at: 25°C (77°F) air inlet temperature, 100 kPa barometric pressure [110m (361ft) altitude] and 30% relative humidity.
For de-rating, please consult G&M TEX Sales Department.

NOTES

All data in accordance with ISO3046, DIN6271, ISO8528 standards. Other voltages available, please refer to Data Sheet or consult G&M TEX Sales Department.
Specifications and design subject to change without notice.



BCJD 155-60T3:
engine 6068 HF285, alternator UCI 274 F, control panel BC 701

23kW to 100kW generator sets

JOHN DEERE RANGE 60Hz EMISSION COMPLIANT & NON-COMPLIANT

1 PHASE 220/110V – 240/120V EPA 2010 COMPLIANT

	Prime Rating (PRP)	Standby Rating (ESP)	Engine Specifications					Open Set Version			Canopy Version
Genset Model	kWe (kVA)	kWe (kVA)	Engine Model	Cylinder Arrangement	Cubic Capacity (in³)	Fuel Cons 100% Load (US gal/hr)	Alternator Model	Dimensions Length x Width x Height (in)	Weight (wet) (lb)	Fuel Tank Capacity (US gal)	Enclosure Type
BCJD 50-60SP T3	45	50	4024 HF285	4 in line	276	4.3	UCI 224 E	90 x 36 x 57	2830	41	C 2
BCJD 60-60SP T3	54	60	5030 HF285	5 in line	186	5.0	UCI 224 F	90 x 36 x 60	2260	59	C 2
BCJD 77-60SP T3	70	77	4045 HF285	4 in line	276	6.6	UCI 224 G	90 x 36 x 57	2830	59	C 2
BCJD 95-60SP T3	85	95	4045 HF285	4 in line	276	8.2	UCI 274 C	90 x 34 x 62	2855	59	C 2

1 PHASE 220/110V – 240/120V EPA 2010 NON-COMPLIANT

	Prime Rating (PRP)	Standby Rating (ESP)	Engine Specifications					Open Set Version			Canopy Version
Genset Model	kWe (kVA)	kWe (kVA)	Engine Model	Cylinder Arrangement	Cubic Capacity (in³)	Fuel Cons 100% Load (US gal/hr)	Alternator Model	Dimensions Length x Width x Height (in)	Weight (wet) (lb)	Fuel Tank Capacity (US gal)	Enclosure Type
BCJD 23-60SP	21	23	3029 DF128	3 in line	177	2.0	PI 144 D	85 x 34 x 54	1785	22	C 1
BCJD 28-60SP	25	28	3029 DF128	3 in line	177	2.4	PI 144 E	85 x 34 x 54	1830	22	C 1
BCJD 40-60SP	36	40	3029 TF158	3 in line	177	3.3	PI 144 J	84 x 27 x 54	1900	41	C 1
BCJD 58-60SP	50	57	4045 TF158	4 in line	239	4.3	UCI 224 E	84 x 27 x 54	2470	41	C 2
BCJD 65-60SP	60	65	4045 TF158	4 in line	239	5.2	UCI 224 F	82 x 27 x 55	2558	59	C 2
BCJD 80-60SP	72	80	4045 TF258	4 in line	276	6.1	UCI 224 G	90 x 34 x 57	2855	59	C 2
BCJD 100-60SP	90	100	4045 HF158	4 in line	276	7.9	UCI 274 C	90 x 34 x 57	2866	59	C 2

RATING DEFINITIONS

Prime Power (PRP)
These ratings are suitable for continuous operation in a variable load application in lieu of the main power network. There is no limitation to the annual hours of operation. A 10% overload is available for 1 hour in every 12 hours of operation.

Standby Power (ESP)
These ratings are suitable for the supply of emergency power in a variable load application in the event of a main power network failure for a limited number of hours per year. No overload is available.

All single phase ratings at 1.0 Power Factor.

STANDARD REFERENCE CONDITIONS

Output ratings are based on gensets operating at: 25°C (77°F) air inlet temperature, 100 kPa barometric pressure [110m (361ft) altitude] and 30% relative humidity.
For de-rating, please consult G&M TEX Sales Department.

NOTES

All data in accordance with ISO3046, DIN6271, ISO8528 standards. Other voltages available, please refer to Data Sheet or consult G&M TEX Sales Department.
Specifications and design subject to change without notice.

BCJD 80-60SP:
engine 4045 TF258, alternator UCI 224 G, control panel BC7210

250kW to 600kW generator sets

VOLVO RANGE 60Hz EMISSION COMPLIANT & NON-COMPLIANT

3 PHASE 220/127V, 440/254V EPA 2010 COMPLIANT

	Prime Rating (PRP)		Standby Rating (ESP)		Engine Specifications					Open Set Version			Canopy Version
Genset Model	kVA	kWe	kVA	kWe	Engine Model	Cylinder Arrangement	Cubic Capacity (in³)	Fuel Cons 100% Load (US gal/hr)	Alternator Model	Dimensions Length x Width x Height (in)	Weight (wet) (lb)	Fuel Tank Capacity (US gal)	Enclosure Type
BCV 250-60 T3	285	228	313	250	TAD1350GE	6 in line	779,7	18.6	HCI 444 C	140 x 50 x 75	7500	159	C 5
BCV 300-60 T3	344	275	375	300	TAD1351GE	6 in line	779.7	21.8	HCI 444 D	140 x 50 x 75	7715	159	C 5
BCV 350-60 T3	400	320	438	350	TAD1352GE	6 in line	779.7	25.4	HCI 444 E	140 x 50 x 75	8200	190	C 5
BCV 400-60 T3	450	360	500	400	TAD1353GE	6 in line	779.7	27.8	HCI 444 F	140 x 50 x 75	8200	190	C 5
BCV 500-60 T2	563	450	625	500	TAD1641GE	6 in line	983.7	36.7	HCI 544 D	152 x 50 x 86	11155	188	C 6
BCV 550-60 T2	625	500	688	550	TAD1642GE	6 in line	983.7	39.7	HCI 544 E	152 x 50 x 86	11155	190	C 6
BCV 600-60 T2	694	555	750	600	TWD1643GE	6 in line	983.7	42.6	HCI 544 E	153 x 60 x 85	10440	225	C 7

3 PHASE 220/127V, 440/254V EPA 2010 NON-COMPLIANT

	Prime Rating (PRP)		Standby Rating (ESP)		Engine Specifications					Open Set Version			Canopy Version
Genset Model	kVA	kWe	kVA	kWe	Engine Model	Cylinder Arrangement	Cubic Capacity (in³)	Fuel Cons 100% Load (US gal/hr)	Alternator Model	Dimensions Length x Width x Height (in)	Weight (wet) (lb)	Fuel Tank Capacity (US gal)	Enclosure Type
BCV 250-60	285	228	313	250	TAD940GE	6 in line	571.4	18.6	HCI 444 C	130 x 47 x 72	7595	159	C 4A
BCV 300-60	344	275	375	300	TAD941GE	6 in line	571.4	22.5	HCI 444 D	130 x 47 x 72	7595	159	C 4A
BCV 350-60	400	320	438	350	TAD1342GE	6 in line	740.2	25.6	HCI 444 E	140 x 50 x 75	8200	190	C 5
BCV 400-60	456	365	500	400	TAD1344GE	6 in line	740.2	29.5	HCI 444 F	140 x 50 x 75	8200	190	C 5
BCV 450-60	500	400	563	450	TAD1640GE	6 in line	983.7	31.5	HCI 544 C	143 x 50 x 85	10445	224	C 6

RATING DEFINITIONS

Prime Power (PRP)
These ratings are suitable for continuous operation in a variable load application in lieu of the main power network. There is no limitation to the annual hours of operation. A 10% overload is available for 1 hour in every 12 hours of operation.

Standby Power (ESP)
These ratings are suitable for the supply of emergency power in a variable load application in the event of a main power network failure for a limited number of hours per year. No overload is available.

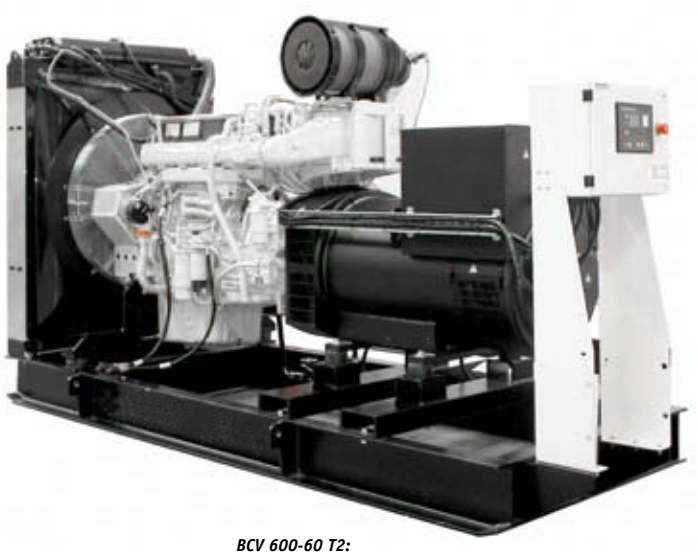
All 3 phase ratings at 0.8 Power Factor.

STANDARD REFERENCE CONDITIONS

Output ratings are based on gensets operating at: 25°C (77°F) air inlet temperature, 100 kPa barometric pressure [110m (361ft) altitude] and 30% relative humidity.
For de-rating, please consult G&M TEX Sales Department..

NOTES

All data in accordance with ISO3046, DIN6271, ISO8528 standards. Other voltages available, please refer to Data Sheet or consult G&M TEX Sales Department.
Specifications and design subject to change without notice.



BCV 600-60 T2:
engine TWD1643GE, alternator HCI 544 E , control panel BC 7310

80kW to 2750kW generator sets

CUMMINS RANGE 60Hz EMISSION COMPLIANT

3 PHASE 220/127V – 240/138V, 440/254V – 480/277V EPA 2010 COMPLIANT

	Prime Rating (PRP)		Standby Rating (ESP)		Engine Specifications					Open Set Version			Canopy Version
Genset Model	kVA	kWe	kVA	kWe	Engine Model	Cylinder Arrangement	Cubic Capacity (in³)	Fuel Cons 100% Load (US gal/hr)	Alternator Model	Dimensions Length x Width x Height (in)	Weight (wet) (lb)	Fuel Tank Capacity (US gal)	Enclosure Type
BCC 80-60 T3	90	72	100	80	QSB5-G3	4 in line	305	6.9	UCI 224 G	90 x 34 x 57	2825	59	C 2
BCC 90-60 T3	103	82	113	90	QSB5-G4	4 in line	305	7.2	UCI 274 C	90 x 34 x 57	2860	59	C 2
BCC 100-60 T3	113	90	125	100	QSB5-G5	4 in line	305	7.4	UCI 274 C	90 x 34 x 57	2890	59	C 2
BCC 150-60 T3	170	136	188	150	QSB7-G3	6 in line	366	10.5	UCI 274 F	107 x 32 x 59	3938	66	C 3
BCC 175-60 T3	200	160	219	175	QSB7-G4	6 in line	366	14.7	UCI 274 G	107 x 32 x 59	3995	66	C 3
BCC 200-60 T3	225	180	250	200	QSB7-G5	6 in line	366	16.8	UCI 274 H	107 x 32 x 59	4048	66	C 3
BCC 230-60 T3	263	210	288	230	QSL9-G2	6 in line	414	16.8	UCDI 274 J	121 x 43 x 71	5203	92	C 4
BCC 250-60 T3	284	227	313	250	QSL9-G3	6 in line	414	17.4	UCDI 274 K	121 x 43 x 71	5522	92	C 4
BCC 275-60 T3	313	250	344	275	QSL9-G4	6 in line	414	19.3	HCI 444 D	133 x 46 x 84	7040	172	C 5
BCC 300-60 T3	344	275	374	300	QSL9-G7	6 in line	763	21	HCI 444 D	133 x 46 x 84	7260	172	C 5
BCC 500-60 T2	563	450	625	500	QSX15-G9	6 in line	850	31.1	HCI 544 D	134 x 46 x 84	9010	188	C 6
BCC 725P-60 T2	906	725	—	—	QSK 23 G7	6 in line	1413	50	HCI 634 G	166 x 71 x 88	13660	190*	ISO-20
BCC 800S-60 T2	—	—	1000	800	QSK 23 G7	6 in line	1413	56	HCI 634 G	166 x 71 x 88	13660	190*	ISO-20

3 PHASE 480/277V EPA 2010 COMPLIANT

	Prime Rating (PRP)		Standby Rating (ESP)		Engine Specifications					Open Set Version			Canopy Version
Genset Model	kVA	kWe	kVA	kWe	Engine Model	Cylinder Arrangement	Cubic Capacity (in³)	Fuel Cons 100% Load (US gal/hr)	Alternator Model	Dimensions Length x Width x Height (in)	Weight (wet) (lb)	Fuel Tank Capacity (US gal)	Enclosure Type
BCC 910P-60 T2	1138	910	—	—	QST 30 G5	12 Vee	1860	63.4	HCI 634 J	172 x 70 x 93	15616	—	ISO-20 HC
BCC 1000S-60 T2	—	—	1250	1000	QST 30 G5	12 Vee	1860	70.5	HCI 634 J	172 x 70 x 93	15616	—	ISO-20 HC
BCC 1280P-60 T2	1600	1280	—	—	QSK 50 G3	12 Vee	2567	82.4	PI 734 B	190 x 75 x 100	18554	—	‡
BCC 1400S-60 T2	—	—	1750	1400	QSK 50 G3	12 Vee	2567	85.6	PI 734 B	190 x 75 x 100	18554	—	‡
BCC 1365P-60 T2	1706	1365	—	—	QSK 50 G4	16 Vee	3070	96.7	PI 734 C	234 x 80 x 116	22380	—	‡
BCC 1500S-60 T2	—	—	1875	1500	QSK 50 G4	16 Vee	3070	109.6	PI 734 C	234 x 80 x 116	22380	—	‡
BCC 1825P-60 T2	2281	1825	—	—	QSK 60 G12	16 Vee	3673	129.0	PI 734 F	245 x 100 x 130	33070	—	‡
BCC 2000S-60 T2	—	—	2500	2000	QSK 60 G12	16 Vee	3673	142.2	PI 734 F	245 x 100 x 130	33070	—	‡
BCC 2275P-60 T1	2844	2275	—	—	QSK 78 G7	18 Vee	4007	150.7	LVSI 804 S2	260 x 125 x 155	39400	—	‡
BCC 2500S-60 T1	—	—	3125	2500	QSK 78 G7	18 Vee	4007	163.6	LVSI 804 S2	260 x 125 x 155	39400	—	‡
BCC 2500P-60 T1	3125	2500	—	—	QSK 78 G8	18 Vee	4656	181.3	LVSI 804 S2	290 x 150 x 170	45600	—	‡
BCC 2750S-60 T1	—	—	3438	2750	QSK 78 G8	18 Vee	4656	203.0	LVSI 804 S2	290 x 150 x 170	45600	—	‡

* Optional

‡ For details on acoustic packages please contact G&M TEX Sales Department.

RATING DEFINITIONS

Prime Power (PRP)
These ratings are suitable for continuous operation in a variable load application in lieu of the main power network. There is no limitation to the annual hours of operation. A 10% overload is available for 1 hour in every 12 hours of operation.

Standby Power (ESP)
These ratings are suitable for the supply of emergency power in a variable load application in the event of a main power network failure for a limited number of hours per year. No overload is available.

All 3 phase ratings at 0.8 Power Factor.

STANDARD REFERENCE CONDITIONS

Output ratings are based on gensets operating at: 25°C (77°F) air inlet temperature, 100 kPa barometric pressure [110m (361ft) altitude] and 30% relative humidity.
For de-rating, please consult G&M TEX Sales Department.

NOTES

All data in accordance with ISO3046, DIN6271, ISO8528 standards. Other voltages available, please refer to Data Sheet or consult G&M TEX Sales Department.
Specifications and design subject to change without notice.

BCC 1000S-60 T2:
engine QST 30 G5, alternator HCI 634 J, control panel BC 7310

sets can be modified to meet your needs

30kW to 2000kW generator sets

CUMMINS RANGE 60Hz EMISSION NON-COMPLIANT

3 PHASE 220/127V – 240/138V, 440/254V – 480/277V EPA 2010 NON-COMPLIANT

	Prime Rating (PRP)		Standby Rating (ESP)		Engine Specifications					Open Set Version			Canopy Version
Genset Model	kVA	kWe	kVA	kWe	Engine Model	Cylinder Arrangement	Cubic Capacity (in³)	Fuel Cons 100% Load (US gal/hr)	Alternator Model	Dimensions Length x Width x Height (in)	Weight (wet) (lb)	Fuel Tank Capacity (US gal)	Enclosure Type
BCC 30-60	34	27	38	30	X3.3-G2	4 in line	203.3	8.2	PI 144 H	65 x 26 x 49	1855	38	C 1
BCC 50-60	56	45	63	50	4BT3.3-G6	4 in line	305	10.2	UCI 224 D	82 x 27 x 56	2200	59	C 2
BCC 100-60	114	91	125	100	6BTA5.9-G6	4 in line	400	12.1	UCI 274 C	94 x 39 x 60	2910	59	C 2
BCC 285-60	325	260	356	285	NT855-G6	6 in line	427	16	HCI 444 E	100 x 30 x 60	3608	114	C 4
BCC 300-60	344	275	375	300	QSL9-G5	6 in line	427	18.2	HCI 444 D	110 x 40 x 62	4370	114	C 4
BCC 353-60	399	319	441	353	NTA855 G3	6 in line	546	21.1	HCI 444 F	114 x 34 x 62	5309	114	C 4
BCC 394-60	445	356	493	394	QSX15-G4	6 in line	549	25.6	HCI 444 F	121 x 43 x 65	6500	159	C 5
BCC 400-60	450	360	500	400	QSX15-G6	6 in line	810	28	HCI 544 C	130 x 45 x 70	7896	159	C 5
BCC 450-60	513	410	563	450	QSX15-G7	6 in line	820	33.5	HCI 544 C	142 x 49 x 76	8957	295	C 6
BCC 550P-60	688	550	—	—	VTA 28 G5	12 Vee	915	41.8	HCI 534 E	150 x 63 x 85	12835	190*	ISO-20
BCC 600S-60	—	—	750	600	VTA 28 G5	12 Vee	1220	46.4	HCI 534 E	150 x 63 x 85	12835	190*	ISO-20
BCC 725P-60	906	725	—	—	QSK 23 G3	6 in line	1400	50	HCI 634 G	166 x 71 x 88	13660	190*	ISO-20
BCC 800S-60	—	—	1000	800	QSK 23 G3	6 in line	1800	56	HCI 634 G	166 x 71 x 88	13660	190*	ISO-20

3 PHASE 480/277V EPA 2010 NON-COMPLIANT

	Prime Rating (PRP)		Standby Rating (ESP)		Engine Specifications					Open Set Version			Canopy Version
Genset Model	kVA	kWe	kVA	kWe	Engine Model	Cylinder Arrangement	Cubic Capacity (in³)	Fuel Cons 100% Load (US gal/hr)	Alternator Model	Dimensions Length x Width x Height (in)	Weight (wet) (lb)	Fuel Tank Capacity (US gal)	Enclosure Type
BCC 925P-60	1156	925	—	—	QST 30 G4	12 Vee	1860	63.4	HCI 634 J	176 x 72 x 93	15620	—	ISO-20 HC
BCC 1000S-60	—	—	1250	1000	QST 30 G4	12 Vee	1860	70.5	HCI 634 J	176 x 72 x 93	15620	—	ISO-20 HC
BCC 1100P-60	1375	1100	—	—	KTA 50 G3	16 Vee	3067	76.9	PI 734 A	205 x 71 x 93	22490	—	ISO-40 HC
BCC 1275S-60	—	—	1594	1275	KTA 50 G3	16 Vee	3067	87.2	PI 734 A	205 x 71 x 93	22490	—	ISO-40 HC
BCC 1280P-60	1600	1280	—	—	KTA 50 G9	16 Vee	3067	87.2	PI 734 C	222 x 81 x 93	24275	—	ISO-40 HC
BCC 1500S-60	—	—	1875	1500	KTA 50 G9	16 Vee	3067	103.6	PI 734 C	222 x 81 x 93	24275	—	ISO-40 HC
BCC 1825P-60	2281	1825	—	—	QSK 60 G6	16 Vee	3673	114.2	PI 734 F	237 x 92 x 114	29880	—	‡
BCC 2000S-60	—	—	2500	2000	QSK 60 G6	16 Vee	3673	131.9	PI 734 F	237 x 92 x 114	29880	—	‡

* Optional

‡ For details on acoustic packages please contact G&M TEX Sales Department.

RATING DEFINITIONS

Prime Power (PRP)
These ratings are suitable for continuous operation in a variable load application in lieu of the main power network. There is no limitation to the annual hours of operation. A 10% overload is available for 1 hour in every 12 hours of operation.

Standby Power (ESP)
These ratings are suitable for the supply of emergency power in a variable load application in the event of a main power network failure for a limited number of hours per year. No overload is available.

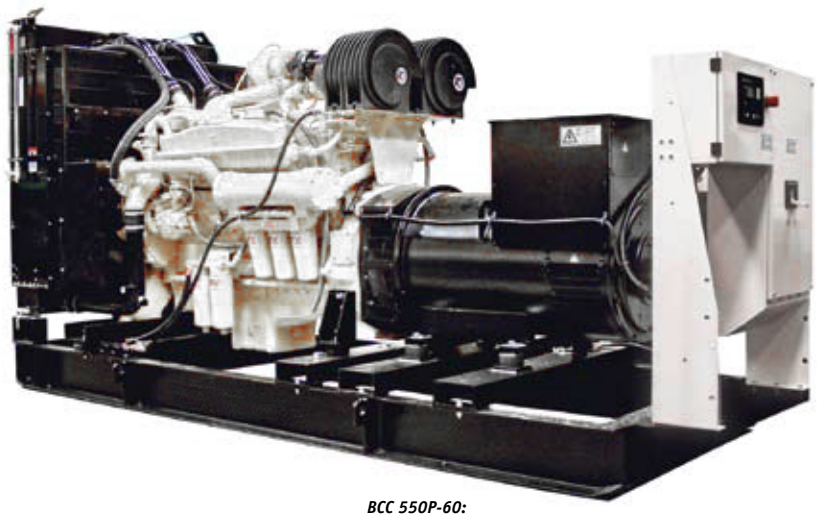
All 3 phase ratings at 0.8 Power Factor.

STANDARD REFERENCE CONDITIONS

Output ratings are based on gensets operating at: 25°C (77°F) air inlet temperature, 100 kPa barometric pressure [110m (361ft) altitude] and 30% relative humidity.
For de-rating, please consult G&M TEX Sales Department.

NOTES

All data in accordance with ISO3046, DIN6271, ISO8528 standards. Other voltages available, please refer to Data Sheet or consult G&M TEX Sales Department. Specifications and design subject to change without notice.



BCC 550P-60:
engine VTA 28 G5, alternator HCI 534 E, control panel BC 7210

30kW to 90kW generator sets

CUMMINS RANGE 60Hz EMISSION COMPLIANT & NON-COMPLIANT

1 PHASE 220/110V – 240/120V EPA 2010 COMPLIANT

	Prime Rating (PRP)	Standby Rating (ESP)	Engine Specifications					Open Set Version			Canopy Version
Genset Model	kWe (kVA)	kWe (kVA)	Engine Model	Cylinder Arrangement	Cubic Capacity (in^3)	Fuel Cons 100% Load (US gal/hr)	Alternator Model	Dimensions Length x Width x Height (in)	Weight (wet) (lb)	Fuel Tank Capacity (US gal)	Enclosure Type
BCC 70-60 SP T3	70	—	QSB5-G3	4 in line	305	305	UCI 224 G	90 x 34 x 57	2825	59	C 2
BCC 80-60 SP T3	80	—	QSB5-G4	4 in line	305	305	UCI 274 C	90 x 34 x 57	2860	59	C 2
BCC 90-60 SP T3	90	—	QSB5-G5	4 in line	305	305	UCI 274 C	90 x 34 x 57	2890	59	C 2

1 PHASE 220/110V – 240/120V EPA 2010 NON-COMPLIANT

	Prime Rating (PRP)	Standby Rating (ESP)	Engine Specifications					Open Set Version			Canopy Version
Genset Model	kWe (kVA)	kWe (kVA)	Engine Model	Cylinder Arrangement	Cubic Capacity (in^3)	Fuel Cons 100% Load (US gal/hr)	Alternator Model	Dimensions Length x Width x Height (in)	Weight (wet) (lb)	Fuel Tank Capacity (US gal)	Enclosure Type
BCC 30-60 SP	27.5	30	X3.3-G2	4 in line	203.3	8	PI 144 F	65 x 26 x 50	2040	22	C 1
BCC 44-60 SP	44	—	4BT3.3-G6	4 in line	305	10.2	UCI 224 D	82 x 27 x 56	2200	41	C 2

RATING DEFINITIONS

Prime Power (PRP)
These ratings are suitable for continuous operation in a variable load application in lieu of the main power network. There is no limitation to the annual hours of operation. A 10% overload is available for 1 hour in every 12 hours of operation.

Standby Power (ESP)
These ratings are suitable for the supply of emergency power in a variable load application in the event of a main power network failure for a limited number of hours per year. No overload is available.

All single phase ratings at 1.0 Power Factor.

STANDARD REFERENCE CONDITIONS

Output ratings are based on gensets operating at: 25°C (77°F) air inlet temperature, 100 kPa barometric pressure [110m (361ft) altitude] and 30% relative humidity.
For de-rating, please consult G&M TEX Sales Department.

NOTES

All data in accordance with ISO3046, DIN6271, ISO8528 standards. Other voltages available, please refer to Data Sheet or consult G&M TEX Sales Department.
Specifications and design subject to change without notice.

BCC 90-60SP T3:
engine QSB5-G5, alternator UCI 274 C, control panel BC 7310

1080kW to 2000kW generator sets

MITSUBISHI RANGE 60Hz EMISSION COMPLIANT & NON-COMPLIANT

3 PHASE 480/277V EPA 2010 COMPLIANT

		Rating		Engine Specifications					Open Set Version			Canopy Version
Genset Model	Prime (PRP) or Standby (ESP)	kVA	kWe	Engine Model	Cylinder Arrangement	Cubic Capacity (in³)	Fuel Cons 100% Load (US gal/hr)	Alternator Model	Dimensions Length x Width x Height (in)	Weight (wet) (lb)	Fuel Tank Capacity (US gal)	Enclosure Type
BCM 1150P-60 T2	PRP	1438	1150	S12R-Y2PTAW1	12 Vee	2992	85.4	PI 734 B	178 x 83 x 98	22285	—	ISO-40 HC
BCM 1300S-60 T2	ESP	1625	1300	S12R-Y2PTAW1	12 Vee	2992	95.9	PI 734 B	178 x 83 x 98	22285	—	ISO-40 HC
BCM 1480P-60 T2	PRP	1850	1480	S16R-Y2PTAW1	16 Vee	3989	121.7	PI 734 D	209 x 92 x 102	29700	—	‡
BCM 1600S-60 T2	ESP	2000	1600	S16R-Y2PTAW1	16 Vee	3989	130.2	PI 734 D	209 x 92 x 102	29700	—	‡
BCM 1820P-60 T2	PRP	2275	1820	S16R-Y2PTAW2	16 Vee	4236	139.8	PI 734 F	220 x 99 x 110	35466	—	‡
BCM 2000S-60 T2	ESP	2500	2000	S16R-Y2PTAW2	16 Vee	4236	150.7	PI 734 F	220 x 99 x 110	35466	—	‡

3 PHASE 480/277V EPA 2010 NON-COMPLIANT

		Rating		Engine Specifications					Open Set Version			Canopy Version
Genset Model	Prime (PRP) or Standby (ESP)	kVA	kWe	Engine Model	Cylinder Arrangement	Cubic Capacity (in³)	Fuel Cons 100% Load (US gal/hr)	Alternator Model	Dimensions Length x Width x Height (in)	Weight (wet) (lb)	Fuel Tank Capacity (US gal)	Enclosure Type
BCM 1080P-60	PRP	1350	1080	S12R-PTA	12 Vee	2992	75	PI 734 A	178 x 83 x 98	22285	—	ISO-40 HC
BCM 1200S-60	ESP	1500	1200	S12R-PTA	12 Vee	2992	83.7	PI 734 A	178 x 83 x 98	22285	—	ISO-40 HC
BCM 1200P-60	PRP	1500	1200	S12R-PTA2	12 Vee	2992	86.9	PI 734 A	178 x 83 x 98	23035	—	ISO-40 HC
BCM 1350S-60	ESP	1688	1350	S12R-PTA2	12 Vee	2992	95.9	PI 734 B	178 x 83 x 98	23035	—	ISO-40 HC
BCM 1480P-60	PRP	1850	1480	S16R-PTA	16 Vee	3989	98.3	PI 734 D	209 x 92 x 102	28875	—	‡
BCM 1600S-60	ESP	2000	1600	S16R-PTA	16 Vee	3989	109.1	PI 734 D	209 x 92 x 102	28875	—	‡
BCM 1650P-60	PRP	2063	1650	S16R-PTA2	16 Vee	3989	118.1	PI 734 E	209 x 92 x 102	29700	—	‡
BCM 1800S-60	ESP	2250	1800	S16R-PTA2	16 Vee	3989	130.2	PI 734 E	209 x 92 x 102	29700	—	‡

‡ For details on acoustic packages please contact G&M TEX Sales Department.

RATING DEFINITIONS

Prime Power (PRP)
These ratings are suitable for continuous operation in a variable load application in lieu of the main power network. There is no limitation to the annual hours of operation. A 10% overload is available for 1 hour in every 12 hours of operation (See relevant data sheet for details).

Standby Power (ESP)
These ratings are suitable for the supply of emergency power in a variable load application in the event of a main power network failure for a limited number of hours per year. No overload is available.

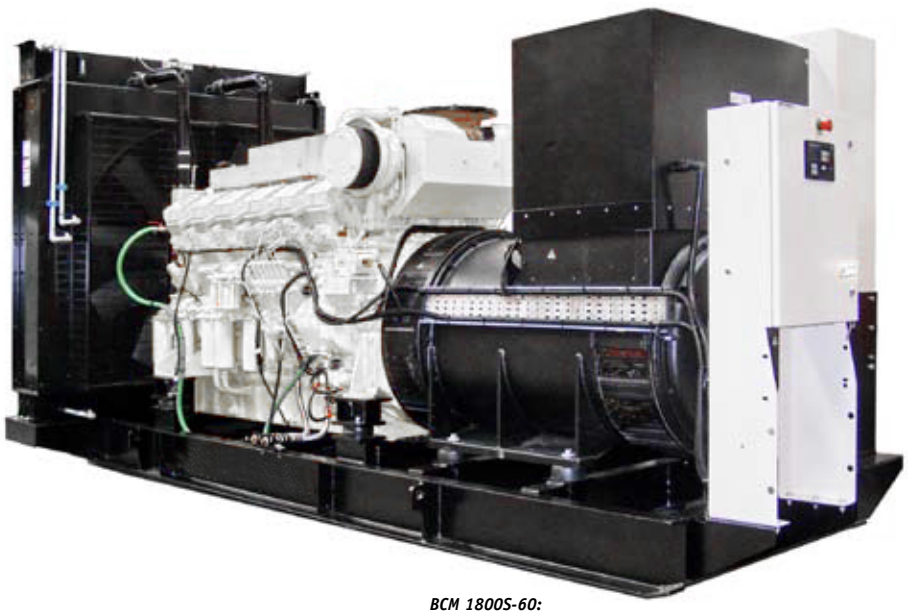
All 3 phase ratings at 0.8 Power Factor.

STANDARD REFERENCE CONDITIONS

Output ratings are based on gensets operating at: 25°C (77°F) air inlet temperature, 100kPa barometric pressure [110m (361ft) altitude] and 30% relative humidity.
For de-rating, please consult G&M TEX Sales Department.

NOTES

All data in accordance with ISO3046, DIN6271, ISO8528 standards. Other voltages available, please refer to Data Sheet or consult G&M TEX Sales Department. Specifications and design subject to change without notice.



BCM 1800S-60:
engine S16R-PTA2, alternator PI 734 E, remote start control panel

460kW to 3200kW generator sets

MTU RANGE 60Hz EMISSION COMPLIANT

3 PHASE 440/254V – 480/277V EPA 2010 COMPLIANT

		Rating		Engine Specifications					Open Set Version			Canopy Version
Genset Model	Prime (PRP) or Standby (ESP)	kVA	kWe	Engine Model	Cylinder Arrangement	Cubic Capacity (in³)	Fuel Cons 100% Load (US gal/hr)	Alternator Model	Dimensions Length x Width x Height (in)	Weight (wet) (lb)	Fuel Tank Capacity (US gal)	Enclosure Type
BCMU 460P-60 T2	PRP	575	460	10V 1600 G20 TD	10 Vee	16.12	26.7	HCI 534 E	132 x 38 x 65	9680	225	C 6
BCMU 500S-60 T2	ESP	625	500	10V 1600 G20 TD	10 Vee	16.12	28.6	HCI 534 E	132 x 38 x 65	9680	225	C 6
BCMU 500P-60 T2	PRP	625	500	12V 1600 G10 TD	12 Vee	19.31	31.3	HCI 534 F	146 x 46 x 70	10190	225	C 7
BCMU 550S-60 T2	ESP	688	550	12V 1600 G10 TD	12 Vee	19.31	35.9	HCI 534 F	146 x 46 x 70	10190	225	C 7
BCMU 550P-60 T2	PRP	688	550	12V 1600 G20 TD	12 Vee	21.22	40.1	HCI 534 F	156 x 54 x 80	12000	225	C 7
BCMU 600S-60 T2	ESP	750	600	12V 1600 G20 TD	12 Vee	21.22	44.2	HCI 534 F	156 x 54 x 80	12000	225	C 7
BCMU 650P-60 T2	PRP	813	650	12V 2000 G45 TD	12 Vee	23.88	46.4	HCI 634 G	164 x 63 x 84	13060	—	ISO-20 HC
BCMU 700S-60 T2	ESP	875	700	12V 2000 G45 TD	12 Vee	23.88	50.7	HCI 634 G	164 x 63 x 84	13060	—	ISO-20 HC
BCMU 740P-60 T2	PRP	925	740	12V 2000 G85 TD	12 Vee	23.88	52.4	HCI 634 G	164 x 63 x 84	13060	—	ISO-20 HC
BCMU 800S-60 T2	ESP	1000	800	12V 2000 G85 TD	12 Vee	23.88	57.6	HCI 634 G	164 x 63 x 84	13060	—	ISO-20 HC
BCMU 840P-60 T2	PRP	1050	840	16V 2000 G45 TD	16 Vee	31.84	58.4	HCI 634 H	178 x 67 x 89	15913	—	ISO-20 HC
BCMU 910S-60 T2	ESP	1138	910	16V 2000 G45 TD	16 Vee	31.84	64.1	HCI 634 H	178 x 67 x 89	15913	—	ISO-20 HC
BCMU 925P-60 T2	PRP	1156	925	16V 2000 G85 TD	16 Vee	31.84	64.1	HCI 634 J	178 x 67 x 89	15913	—	ISO-20 HC
BCMU 1000S-60 T2	ESP	1250	1000	16V 2000 G85 TD	16 Vee	31.84	70.8	HCI 634 J	178 x 67 x 89	15913	—	ISO-20 HC
BCMU 1100P-60 T2	PRP	1375	1100	18V 2000 G85 TD	18 Vee	35.82	74.9	PI 734 A	188 x 84 x 99	18701	—	‡
BCMU 1200S-60 T2	ESP	1500	1200	18V 2000 G85 TD	18 Vee	35.82	82.8	PI 734 A	188 x 84 x 99	18701	—	‡
BCMU 1400P-60 T2	PRP	1750	1400	12V 4000 G43	12 Vee	57.2	53.3	PI 734 C	205 x 90 x 126	29700	—	‡
BCMU 1600S-60 T2	ESP	2000	1600	12V 4000 G43	12 Vee	57.2	58.7	PI 734 D	205 x 90 x 126	29700	—	‡
BCMU 1600P-60 T2	PRP	2000	1600	12V 4000 G83	12 Vee	57.2	59.8	PI 734 E	205 x 90 x 126	30800	—	‡
BCMU 1760S-60 T2	ESP	2200	1760	12V 4000 G83	12 Vee	57.2	65.8	PI 734 E	205 x 90 x 126	30800	—	‡
BCMU 1900P-60 T2	PRP	2375	1900	16V 4000 G43	16 Vee	57.2	70.4	PI 734 F	237 x 90 x x126	38236	—	‡
BCMU 2100S-60 T2	ESP	2625	2100	16V 4000 G43	16 Vee	57.2	78.5	PI 734 F	237 x 90 x x126	38236	—	‡
BCMU 2050P-60 T2	PRP	2563	2050	16V 4000 G83	16 Vee	57.2	78.5	PI 734 G	237 x 90 x x126	38236	—	‡
BCMU 2250S-60 T2	ESP	2813	2250	16V 4000 G83	16 Vee	57.2	88.6	PI 734 G	237 x 90 x x126	38236	—	‡
BCMU 2275P-60 T2	PRP	2844	2275	20V 4000 G43	20 Vee	76.3	96.9	LVSI 804 S2	270 x 92 x 125	45056	—	‡
BCMU 2500S-60 T2	ESP	3125	2500	20V 4000 G43	20 Vee	76.3	110.0	LVSI 804 S2	270 x 92 x 125	45056	—	‡
BCMU 2500P-60 T2	PRP	3125	2500	20V 4000 G83	20 Vee	95.4	110.8	LVSI 804 T2	270 x 92 x 125	45056	—	‡
BCMU 2800S-60 T2	ESP	3500	2800	20V 4000 G83	20 Vee	95.4	120.6	LVSI 804 T2	270 x 92 x 125	45056	—	‡
BCMU 2800P-60 T2	PRP	3500	2800	20V 4000 G83L	20 Vee	95.4	128.4	LVSI 804 W2	260 x 101 x 130	48180	—	‡
BCMU 3200S-60 T2	ESP	4000	3200	20V 4000 G83L	20 Vee	95.4	142.0	LVSI 804 W2	260 x 101 x 130	48180	—	‡

‡ For details on acoustic packages please contact G&M TEX Sales Department.

RATING DEFINITIONS

Prime Power (PRP)
These ratings are suitable for continuous operation in a variable load application in lieu of the main power network. There is no limitation to the annual hours of operation. A 10% overload is available for 1 hour in every 12 hours of operation.

Standby Power (ESP)
These ratings are suitable for the supply of emergency power in a variable load application in the event of a main power network failure for a limited number of hours per year. No overload is available.

All 3 phase ratings at 0.8 Power Factor.

STANDARD REFERENCE CONDITIONS

Output ratings are based on gensets operating at: 25°C (77°F) air inlet temperature, 100kPa barometric pressure [100m (328ft) altitude] and 30% relative humidity.
For de-rating, please consult G&M TEX Sales Department.

NOTES

All data in accordance with ISO3046, DIN6271, ISO8528 standards. Other voltages available, please refer to Data Sheet or consult G&M TEX Sales Department.
Specifications and design subject to change without notice.

BCMU 1200S-60 T2:
engine 18V 2000 G85 TD, alternator PI 734 A

650kW to 3200kW generator sets

MTU RANGE 60Hz EMISSION NON-COMPLIANT

3 PHASE 440/254V – 480/277V EPA 2010 NON-COMPLIANT

		Rating		Engine Specifications					Open Set Version			Canopy Version
Genset Model	Prime (PRP) or Standby (ESP)	kVA	kWe	Engine Model	Cylinder Arrangement	Cubic Capacity (in^3)	Fuel Cons 100% Load (US gal/hr)	Alternator Model	Dimensions Length x Width x Height (in)	Weight (wet) (lb)	Fuel Tank Capacity (US gal)	Enclosure Type
BCMU 650P-60	PRP	813	650	12V 2000 G45 TD	12 Vee	23.88	46.4	HCI 634 G	164 x 63 x 84	13060	—	ISO-20 HC
BCMU 700S-60	ESP	875	700	12V 2000 G45 TD	12 Vee	23.88	50.7	HCI 634 G	164 x 63 x 84	13060	—	ISO-20 HC
BCMU 740P-60	PRP	925	740	12V 2000 G85 TD	12 Vee	23.88	52.4	HCI 634 G	164 x 63 x 84	13060	—	ISO-20 HC
BCMU 800S-60	ESP	1000	800	12V 2000 G85 TD	12 Vee	23.88	57.6	HCI 634 G	164 x 63 x 84	13060	—	ISO-20 HC
BCMU 840P-60	PRP	1050	840	16V 2000 G45 TD	16 Vee	31.84	58.4	HCI 634 H	178 x 67 x 89	15913	—	ISO-20 HC
BCMU 910S-60	ESP	1138	910	16V 2000 G45 TD	16 Vee	31.84	64.1	HCI 634 H	178 x 67 x 89	15913	—	ISO-20 HC
BCMU 925P-60	PRP	1156	925	16V 2000 G85 TD	16 Vee	31.84	64.1	HCI 634 J	178 x 67 x 89	15913	—	ISO-20 HC
BCMU 1000S-60	ESP	1250	1000	16V 2000 G85 TD	16 Vee	31.84	70.8	HCI 634 J	178 x 67 x 89	15913	—	ISO-20 HC
BCMU 1100P-60	PRP	1375	1100	18V 2000 G85 TD	18 Vee	35.82	74.9	PI 734 A	188 x 84 x 99	18701	—	‡
BCMU 1200S-60	ESP	1500	1200	18V 2000 G85 TD	18 Vee	35.82	82.8	PI 734 A	188 x 84 x 99	18701	—	‡
BCMU 1400P-60	PRP	1750	1400	12V 4000 G43	12 Vee	35.82	53.3	PI 734 C	205 x 90 x 126	29700	—	‡
BCMU 1600S-60	ESP	2000	1600	12V 4000 G43	12 Vee	35.82	58.7	PI 734 D	205 x 90 x 126	29700	—	‡
BCMU 1600P-60	PRP	2000	1600	12V 4000 G83	12 Vee	57.2	59.8	PI 734 E	205 x 90 x 126	30800	—	‡
BCMU 1760S-60	ESP	2200	1760	12V 4000 G83	12 Vee	57.2	65.8	PI 734 E	205 x 90 x 126	30800	—	‡
BCMU 1900P-60	PRP	2375	1900	16V 4000 G43	16 Vee	57.2	70.4	PI 734 F	237 x 90 x x126	31460	—	‡
BCMU 2100S-60	ESP	2625	2100	16V 4000 G43	16 Vee	57.2	78.5	PI 734 F	237 x 90 x x126	31460	—	‡
BCMU 2050P-60	PRP	2563	2050	16V 4000 G83	16 Vee	57.2	78.5	PI 734 G	237 x 90 x x126	31460	—	‡
BCMU 2250S-60	ESP	2813	2250	16V 4000 G83	16 Vee	57.2	88.6	PI 734 G	237 x 90 x x126	31460	—	‡
BCMU 2275P-60	PRP	2844	2275	20V 4000 G43	20 Vee	76.3	96.9	LVSI 804 S2	270 x 92 x 125	38236	—	‡
BCMU 2500S-60	ESP	3125	2500	20V 4000 G43	20 Vee	76.3	110.0	LVSI 804 S2	270 x 92 x 125	38236	—	‡
BCMU 2500P-60	PRP	3125	2500	20V 4000 G83	20 Vee	76.3	110.8	LVSI 804 T2	270 x 92 x 125	45056	—	‡
BCMU 2800S-60	ESP	3500	2800	20V 4000 G83	20 Vee	76.3	120.6	LVSI 804 T2	270 x 92 x 125	45056	—	‡
BCMU 2800P-60	PRP	3500	2800	20V 4000 G83L	20 Vee	95.4	128.4	LVSI 804 W2	260 x 101 x 130	48180	—	‡
BCMU 3200S-60	ESP	4000	3200	20V 4000 G83L	20 Vee	95.4	142.0	LVSI 804 W2	260 x 101 x 130	48180	—	‡

‡ For details on acoustic packages please contact G&M TEX Sales Department.

RATING DEFINITIONS

Prime Power (PRP)
These ratings are suitable for continuous operation in a variable load application in lieu of the main power network. There is no limitation to the annual hours of operation. A 10% overload is available for 1 hour in every 12 hours of operation.

Standby Power (ESP)
These ratings are suitable for the supply of emergency power in a variable load application in the event of a main power network failure for a limited number of hours per year. No overload is available.

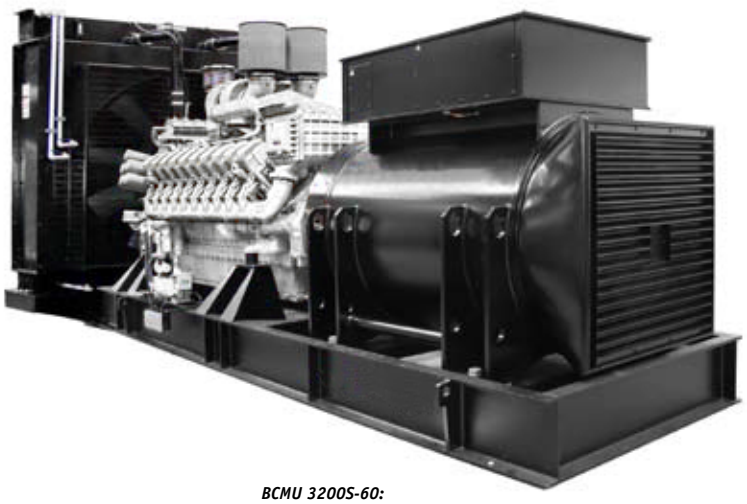
All 3 phase ratings at 0.8 Power Factor.

STANDARD REFERENCE CONDITIONS

Output ratings are based on gensets operating at: 25°C (77°F) air inlet temperature, 100kPa barometric pressure [100m (328ft) altitude] and 30% relative humidity.
For de-rating, please consult G&M TEX Sales Department.

NOTES

All data in accordance with ISO3046, DIN6271, ISO8528 standards. Other voltages available, please refer to Data Sheet or consult G&M TEX Sales Department. Specifications and design subject to change without notice.



BCMU 3200S-60:
engine 20V 4000 G83L, alternator LVSI 804 W2

Specifications and Options

G&M TEX offers a comprehensive range of mechanical and electrical options for all generator sets.

The table opposite shows the main specifications for each standard generator set model and the options available.

Load transfer panels
A range of automatic load transfer panels is also available. These incorporate either 3 pole or 4 pole electrically and mechanically interlocked contactors or circuit breakers (from 25 amps to 6300 amps).

Special requirements
If you do not see exactly what you want, contact our sales department or local regional sales offic . We can meet special requirements such as:

- Generator sets in excess of 3200kW Standby Power
- Multi-set installations
- HV generation
- Stringent noise levels
- Remote cooling
- Bespoke control panels using alternative generator set controllers or with PLC control
- Special acoustic enclosure design
- Alternative engine and alternator combinations

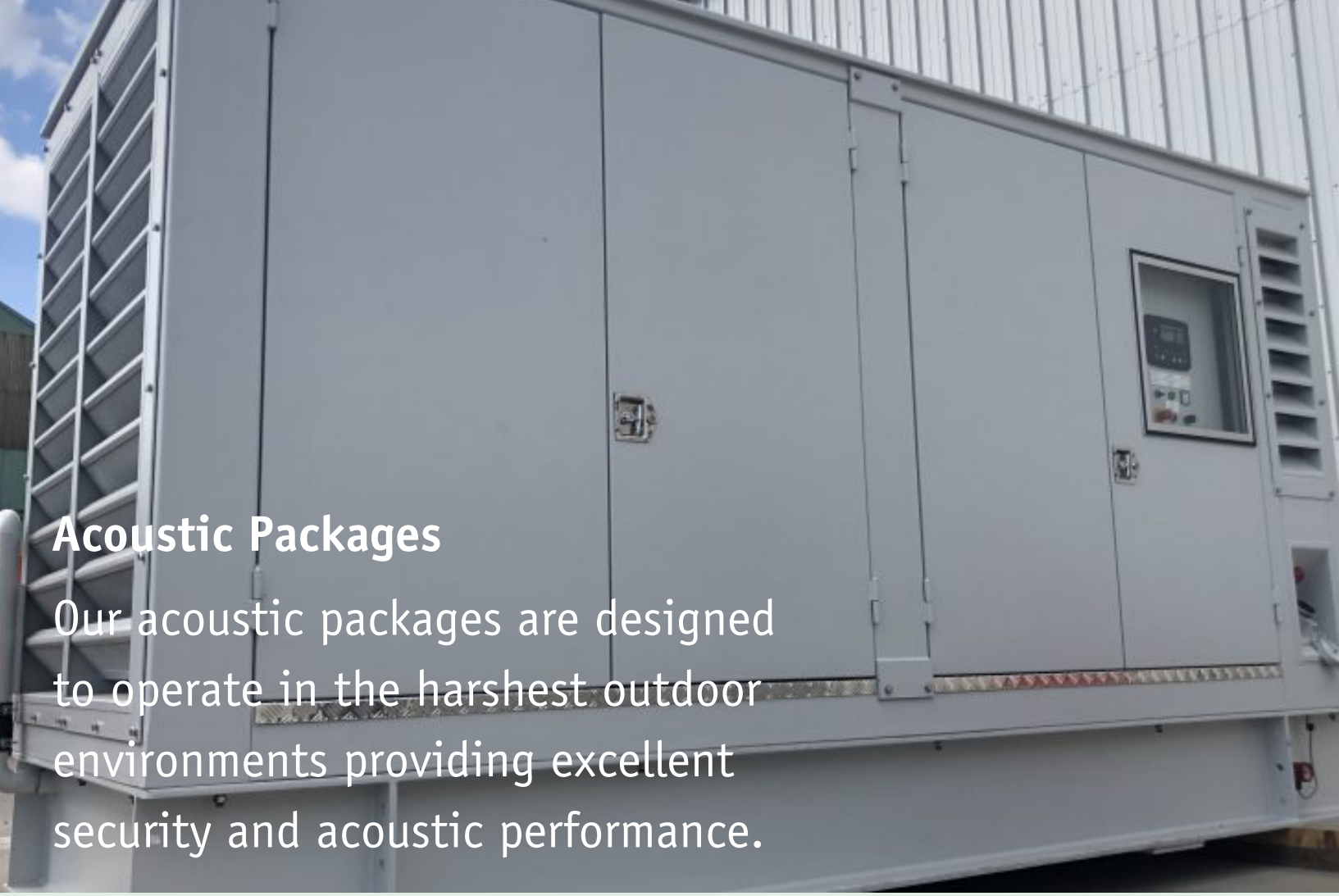
We will work with you to provide precisely the right power solution.

Specifications and Options

		Midi Range	John Deere Range	Volvo Range	Cummins Range	Mitsubishi Range	Perkins Range	MTU
Engine	4-stroke water cooled diesel engine	●	●	●	●	●	●	●
	Mechanical governor	▼	▼		▼			
	Electronic governor	▼	▼	●	▼	●	●	
	Air intake heater or glow plug	▼	▼	❍	❍▼			
	Lub oil drain valve	●	●	●	●	●	●	●
	Lub oil drain extended to baseframe	❍	❍	❍	❍▼			
	Manual lub oil drain pump		❍	❍	❍	❍	❍	❍
	Coolant drain extended to edge of baseframe	❍	❍	❍				
	First fill f lub oil	●	●	●	●	●	●	●
	Standard air filte	●	●	●	●	●	●	●
	Medium duty air filte	▼	❍	❍				
	Fuel filter a d water separator	●	❍	●	❍	❍	❍	❍
	Exhaust manifold guard		❍	❍	▼		❍	❍
	Coolant heater	❍	❍	❍	❍	❍	❍	❍
	Automatic lub oil refill syste				❍▼	❍	❍	❍
Radiator	Engine driven radiator	●	●	●	●	●	●	▼
	Fan guards	●	●	●	●	●	●	●
	Coolant drain valve	●	●	●	●	●	●	●
	First fill f coolant / antifreeze	●	●	●	●	●	●	●
	Low level vent and fill pipewor				❍▼	❍	❍	❍
	Low level manual fill pum				❍▼	❍	❍	❍
Alternator	Single bearing alternator	●	●	●	▼	●	●	▼
	Class H insulation system and Class H temperature rise	●	●	●	●	●	●	●
	IP23 Protection	●	●	●	●	●	●	●
	Automatic Voltage Regulator with 1% voltage regulation	●	●	●	▼		▼	▼
	Automatic Voltage Regulator with 0.5% voltage regulation		❍	❍	▼	●	▼	▼
	PMG excitation		❍	❍	▼	●	●	●
	Anti condensation heater	❍	❍	❍	❍	❍	❍	❍
	Quadrature droop kit	❍	❍	❍	❍	❍	❍	❍
	Air inlet filte		❍	❍	❍	❍	❍	❍
	Thermistor probes and control box		❍	❍	❍	❍	❍	❍
General	Powder coated fabricated steel baseframe	●	●	●	●	●	●	●
	Built in anti-vibration mountings	●	●	●	▼	●	▼	●
	Crane and fork lifting points depending on model	●	●	●	●	●	●	●
	Operation and maintenance manual	●	●	●	●	●	●	●
	Operation and maintenance manual (additional copies)	❍	❍	❍	❍	❍	❍	❍
	Standard colour (black/yellow)	●	●	●	●	●	●	●
	Output 3 pole circuit breaker	●	●	●	▼	❍	❍	▼
	Works test	●	●	●	●	●	●	●
	Genset packed under heavy duty shrink wrap plastic	●	●	●	●	●	●	●
	Control Panel	●	●	●	●	●	●	●
	Acousic enclosure	❍	❍	❍	❍	❍	❍	❍
Exhaust	Industrial 15dBA reduction silencer supplied loose	●	●	●	▼	❍	❍	❍
	Industrial 15dBA reduction silencer not supplied - price reduction		❍	❍	❍▼			
	Residential 24dBA reduction silencer supplied loose		❍	❍	❍	❍	❍	❍
	Critical 35dBA reduction silencer supplied loose		❍	❍	❍	❍	❍	❍
	Flexible bellows supplied loose	●	●	●	▼	❍	❍	❍
	Set of connection fla ges for silencer/bellows		❍	❍	❍	❍	❍	❍
Starting	12VDC electric starter motor	●	●		▼			
	24VDC electric starter motor			●	▼	●	●	●
	Battery charging alternator	●	●	●	●	●	●	●
	Engine starting battery with cables and battery tray	●	●	●	●	●	●	●
	Wet type batteries instead of dry (not available with sea freight)	❍	❍	❍	❍	❍	❍	❍
	Non-supply of batteries – price reduction	❍	❍	❍	❍	❍	❍	❍
Fuel	Integral single skin fuel tank within baseframe	●	●	●	▼		❍▼	❍▼
	Flexible fuel feed and return lines	●	●	●	●	●	●	●
	Baseframe with integral bund (without fuel tank)				❍▼	❍	❍	❍
	Baseframe with integral bund and drop in fuel tank		❍	❍	❍▼		❍▼	❍▼
	Low fuel level switch – single point	❍	❍	❍	❍	❍	❍	❍
	Fuel level switch – four point		❍	❍	❍	❍	❍	❍
	Manual fuel transfer pump		❍	❍	❍		▼	▼
	Fuel transfer system – Option 1 Gravity System		❍	❍	❍		▼	▼
	Fuel transfer system – Option 2 Electric Pump System		❍	❍	❍		▼	▼
	Fuel transfer system – Option 3 Gravity and Pump System		❍	❍	❍		▼	▼

● Standard Equipment
❍ Available as an option
▼ Model Dependent (refer to G&M TEX Sales Department)

comprehensive range of options available



Acoustic Packages

Our acoustic packages are designed to operate in the harshest outdoor environments providing excellent security and acoustic performance.

Acoustic canopies
We have developed a standard range of acoustic canopies for generator sets up to 560kW.

Finish
All our steel canopy components are pre-treated and polyester powder coated (to a typical thickness of 70-80µm) in RAL9001 white and all baseframes are finis ed in RAL9005 black. This, along with zinc-plated fasteners and neoprene seals combine to produce a very durable and attractive finish.

Performance
Our canopies are designed to meet the requirements of EU Legislation 2000/14/EC. This performance level is met by the extensive use of fire-retardant polyurethane foam and efficient management of cooling air. Exhaust noise is minimized by high-performance silencers mounted internally.

Integrated fuel tank
A steel fuel tank, complete with fille , gauge and accessory points, is integrated within the baseframe on all canopies except Midi. Alternatively, we can provide baseframes with a bund and separate tank. The Midi canopies have a compact tank moulded in tough polypropylene with visual level indication and are mounted within the baseframe.

Key features include:
- Gull-wing or side opening doors
- Panel/breaker access door with viewing window
- Heavy duty locks on all doors
- Weather cap on exhaust discharge
- Emergency Stop button on canopy exterior
- Lifting and holding down points
- Fork Lift pockets (up to Canopy 4A)
- Single roof lifting point (available on certain models only)

Acoustic Packages

STANDARD PRODUCT RANGES 9kW – 2000kW

Acoustic Containers

Our acoustic containers are attractive, robust, easy to transport and deliver effective acoustic performance.

These container packages are based on standard ISO 20 ft and 40 ft high cube shipping containers for ease of transport by sea or land.

Construction

Our acoustic containers are fully welded and fitted with ock wool and a perforated zintec steel lining to achieve greater acoustic performance. The internally mounted silencers are custom designed to reduce exhaust noise. A two-pack polyurethane paint system provides a durable finish and all doors are fitted with high-security locks.

Fuel tank

Some models (dependent on engine type) can be supplied with integral fuel tank.

Options include

- Interior lighting and small power
- Motorised air inlet/outlet dampers
- External fuel connections
- External auxiliary power connections
- Lub oil make-up tank
- CSC Plating

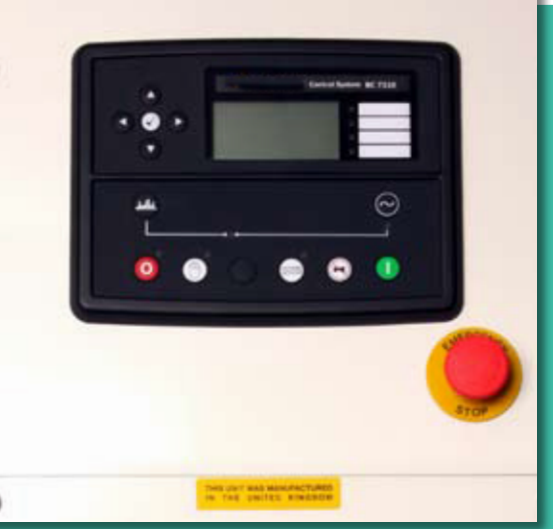
	Enclosure Type	Dimensions (in.) (L x W x H)	Weight (lbs)*	Typical Sound Pressure Level		Fuel Tank Capacity (US gal)		Single Centre Point Lift
				dB(A)@3ft	dB(A)@23ft	Integral	Bunded	
M1	Midi 1 Canopy	71.3 x 37.4 x 44.1	276	76	66	15	—	●
M2	Midi 2 Canopy	82.7 x 33.5 x 48.8	430	77	67	25	—	❍
C1	Canopy 1	89.0 x 33.5 x 63.8	518	82	72	30	26	❍
C2	Canopy 2	113.8 x 42.1 x 66.1	992	82	72	63	53	❍
C3	Canopy 3	139.8 x 45.3 x 66.9	1598	84	74	122	106	
C4	Canopy 4	155.1 x 51.2 x 70.9	1697	85	75	151	132	
C4A	Canopy 4A	157.5 x 56.7 x 83.5	2353	85	75	176	162	
C5	Canopy 5	204.7 x 68.5 x 86.6	5290	85	75	260	236	❍
C6	Canopy 6	216.5 x 68.5 x 92.9	6502	86	76	270	236	❍
C7	Canopy 7	232.3 x 80.3 x 97.6	7758	86	76	378	343	❍
ISO-20	ISO 20ft Container	240 x 96 x 102	—	85	75	—	—	
ISO-20 HC	ISO 20ft Container 'High Cube'	240 x 96 x 114	—	85	75	—	—	
ISO-40 HC	ISO 40ft Container 'High Cube'	480 x 96 x 114	—	85	75	—	—	

Typical SPL is a mean level, measured in free field conditions, with no contributory background noise

● Standard Equipment

❍ Available as an option

* Indicative weight additional to open set



BC 7210E-M

Control Panels:
Midi Range generator sets

Our control panels combine user friendly interfaces with detailed management functionality.

We equip all of our Midi Range generator sets with a baseframe-mounted control panel. Each control panel incorporates a Deep Sea control module together with integral stand and circuit breaker ensuring a dependable and user-friendly operating system.

BC 7210E-M Manual and Auto Start
This is an entry level digital control system, which provides manual and remote control of the generator set, with operating parameters clearly shown on a LCD display. Full power monitoring and protection facilities are incorporated including display of kW, kVA and power factor.

BC 7210-M Manual and Auto Start
Cost effective with all the features of the BC 7210E-M plus digital display of water temperature and oil pressure.

BC 7310-M Manual and Auto Start plus Telemetry
All the features of the BC 7210-M plus data communication, this system enables full telemetry via the RS 232/485 interfaces. Facility to integrate with SAE J1939 CANBus is also included.

BC 7320-M Auto Mains Failure
All the features of the BC 7310 plus full AMF functionality with integrated mains monitoring.

BC 701E-M Manual Start with Key Control
A popular basic control panel, this provides manual control of the generator set giving essential machine protection and analogue displays of volts and amps.

BC 701-M Manual Start with Key Control
All the features of the BC 701E-M plus analogue engine instruments and a frequency meter.

Range	BC 701E-M	BC 701-M	BC 7210E-M	BC7210-M	BC7310-M	BC7320-M
'Midi' Range						
Mitsubishi	❍	❍	●	❍	❍	❍
John Deere	❍	❍	●	❍	❍	❍
Yanmar	❍	❍	●	❍	❍	❍
Cummins	❍	❍	●	❍	❍	❍

● Standard Equipment
❍ Available as an option

Control Panels for Midi Range

STANDARD SPECIFICATIONS

	Features		BC 701E-M	BC 701-M	BC 7210E-M	BC 7210-M	BC 7310-M	BC 7320-M
Deep Sea Control Module	701 Key Start		●	●				
	7210 Digital Auto Start				●	●		
	7310 Digital Auto Start						●	
	7320 Digital Auto Mains Failure							●
Engine Instruments	Coolant Temperature - Analogue			●				
	Lub. Oil Pressure - Analogue			●				
	Engine Hours Counter - Analogue		●	●				
	Battery Charge Amps - Analogue			●				
	Coolant Temperature - Digital					●	●	●
	Lub. Oil Pressure - Digital					●	●	●
	Engine Hours Counter - Digital				●	●	●	●
	Battery Volts - Digital				●	●	●	●
Engine Protection	Low Oil Pressure Shutdown		●	●	●	●	●	●
	Low Oil Pressure Pre-Alarm				●	●	●	●
	High Water Temperature Shutdown		●	●	●	●	●	●
	High Water Temperature Pre-Alarm				●	●	●	●
	Low Fuel Level (incl. volt free contact)	[1]	❍	❍	❍	❍	❍	❍
	Underspeed				●	●	●	●
	Overspeed		●	●	●	●	●	●
	Cool Down Timer				●	●	●	●
	Fail To Start Indication				●	●	●	●
	Charge Alternator Fail Warning		●	●	●	●	●	●
	Low / High Battery Volts (alarm)				●	●	●	●
Generator Instruments	Voltmeter - Analogue		●	●				
	Ammeter - Analogue		●	●				
	4-Position Ammeter Selector Switch		●	●				
	Frequency Meter - Analogue			●				
	Volts, Amp, Frequency - Digital				●	●	●	●
	kW, kVA, pf - Digital				●	●	●	●
Generator Protection	Under & Over Volts (pre-alarm & shutdown)				●	●	●	●
	Over Current (shutdown)				●	●	●	●
Other Key Features	Emergency Stop		●	●	●	●	●	●
	Battery Charger & Control Switch		❍	❍	❍	❍	❍	❍
	Engine Heater & Control Switch		❍	❍	❍	❍	❍	❍
	Preheat - Air intake heater / Glow Plug	[2] [3]	❍	❍	❍	❍	❍	❍
	Telemetry Facility						●	●
	Integrated Mains Monitoring							●
Volt Free Contacts	Battery Charger Fail		❍	❍	❍	❍	❍	
	Generator Running		❍	❍	❍	❍	❍	❍
	Common Alarm	[2]			❍	❍	❍	❍
	System In Auto	[2]			❍	❍	❍	
	Telemetry Active	[2]					❍	
	Charge Alternator Fail	[2]			❍	❍	❍	
	Available Auxiliary Inputs / Outputs		1 / -	1 / -	4 / 3	4 / 3	6 / 3	6 / 3

[1] Auxiliary Input Required
[2] Auxiliary Output Required
[3] Standard on Yanmar & Mitsubishi

● Standard Equipment
❍ Available as an option

NB: If the number of protection options exceeds the number of available inputs, discreet fault indications cannot be provided.

BC 7210

Control Panels:
Standard Range generator sets

Our control panels extend from models offering basic manual and remote control to full synchronisation of multiple sets.

We equip all of our Standard range of generator sets with a baseframe-mounted control panel. Each control panel incorporates a Deep Sea control module together with integral stand and circuit breaker ensuring a dependable and user-friendly operating system.

BC 7210 Manual and Auto Start
This is an entry level digital control system, which provides for manual and remote control of the generator set, with operating parameters clearly shown on a LCD display. Full power monitoring and protection facilities are incorporated including display of kW, kVA and power factor.

BC 7310 Manual and Auto Start plus Telemetry
All the features of the BC 7210 plus data communication, this system enables full telemetry via the RS 232/485 interfaces. Facility to integrate SAE J1939 CANBus is also included. All engines with onboard ECU/CANBus have this control as standard.

BC 7320 Auto Mains Failure
All the features of the BC 7310 plus full AMF functionality with integrated mains monitoring.

BC 7510 Synchronising (set to set)
In order to meet the ever more challenging requirements of multi-set operation, this control system affords set-to-set synchronisation and load sharing.

BC 7520 Synchronising (single set to mains)
This control system is used for a single set to be synchronised with the mains supply giving a no break return together with soft load transfer.

BC 701 Manual Start with Key Control
A popular basic control panel which provides for the manual control of the generator set giving essential machine protection and analogue displays of basic operating parameters.

BC 7560 Synchronising (multi set to mains)
This is a separate control unit which enables multiple BC 7510 equipped sets to be synchronised with the mains supply.

Features		BC 701	BC 7210	BC 7310	BC 7320	BC 7510	BC 7520
John Deere							
BCJD 21-60 to 250-60 BCJD 40-60 SP to 100-60SP		❍	●	❍	❍	❍	❍
BCJD 310-60, 416-60 BCJD 50-60 T3 to 405-60 T3 BCJD 50-60 SP T3 to 95-60 SP T3	[C]			●	❍	❍	❍
Volvo							
All BCV models	[C]			●	❍	❍	❍
Cummins							
BCC 30-60, 50-60, 100-60, 285-60, 353-60 BCC 550P-60, 600S-60 BCC 1100P-60, 1275S-60, 1280P-60, 1500S-60 BCC 30-60 SP, 44-60 SP		●	❍	❍	❍	❍	❍
BCC 300-60, 394-60, 400-60, 450-60 BCC 725P-60 to 1000S-60 BCC 1825P-60, 2000S-60 BCC 80-60 T3 to 300-60 T3 BCC 500-60 T2 to to 2000S-60T2 BCC 2275-60 T1 to 2750S-60 T1 BCC 70-60 SP T3 to 90-60 SP T3	[M]			●	❍	❍	❍
MTU							
All BCMU models	[C]			●	❍	❍	❍
Mitsubishi							
All BCM models			●	❍	❍	❍	❍

● Standard Equipment
❍ Available as an option
[C] SAE J1939 CANBus Interface
[M] MODBus / RS485 Interface

Control Panels for Standard Range

STANDARD SPECIFICATIONS

	Features		BC 701	BC 7210	BC 7310	BC 7320	BC 7510	BC 7520
Deep Sea Control Module	701 Key Start		●					
	7210 Digital Auto Start			●				
	7310 Digital Auto Start CANBus				●			
	7320 Digital Auto Mains Failure CANBus					●		
	7510 Digital - Set~Set Synchronisation						●	
	7520 Digital - Single Set~Mains Synch.							●
	7560 Module - Multi Set~Mains Synch.						❍	
Engine Instruments	Coolant Temperature - Analogue		●					
	Lub. Oil Pressure - Analogue		●					
	Lub. Oil Temperature - Analogue		❍				❍	❍
	Engine Hours Counter - Analogue		●					
	Battery Charge Amps - Analogue		●					
	Coolant Temperature - Digital			●	●	●	●	●
	Lub. Oil Pressure - Digital			●	●	●	●	●
	Lub. Oil Temperature - Digital	[3]			❍	❍		
	Engine Hours Counter - Digital			●	●	●	●	●
	Battery Volts - Digital			●	●	●	●	●
Engine Protection	Low Oil Pressure Shutdown		●	●	●	●	●	●
	Low Oil Pressure Pre-Alarm			●	●	●	●	●
	High Oil Temp Alarm or Shutdown (incl. visual indication)	[1] [3]	❍	❍	❍	❍	❍	❍
	High Water Temperature Shutdown		●	●	●	●	●	●
	High Water Temperature Pre-Alarm			●	●	●	●	●
	Low Coolant Level Alarm or Shutdown	[1] [3]		❍	❍	❍	❍	❍
	Low Fuel Level (incl. volt free contact)	[1]	❍	❍	❍	❍	❍	❍
	Fuel Leak Detection (only with bunded tank option)	[1]	❍	❍	❍	❍	❍	❍
	Underspeed			●	●	●	●	●
	Overspeed		●	●	●	●	●	●
	Cool Down Timer			●	●	●	●	●
	Fail To Start Indication			●	●	●	●	●
	Charge Alternator Fail Warning		●	●	●	●	●	●
	Low / High Battery Volts (alarm)			●	●	●	●	●
Generator Instruments	Analogue Voltmeter with 7-Position Selector Switch		●					
	Analogue Ameter with 4-Position Selector Switch		●					
	Analogue Frequency Meter		●					
	Volts, Amps, Frequency - Digital			●	●	●	●	●
	kW, kVA, pf - Digital			●	●	●	●	●
Generator Protection	Under & Over Volts (pre-alarm & shutdown)			●	●	●	●	●
	Over Current (Shutdown)			●	●	●	●	●
	Breaker Tripped (shutdown) / Shunt Trip Via Controller	[1] [2]		❍	❍	❍	❍	❍
	Earth Fault Protection - Restricted / Un-restricted			❍	❍	❍	❍	❍
Other Key Features	Emergency Stop		●	●	●	●	●	●
	Battery Charger & Control Switch		❍	❍	❍	❍	❍	❍
	Engine Heater & Control Switch		❍	❍	❍	❍	❍	❍
	Preheat - Air intake heater / Glow Plug	[2]	❍	❍	❍	❍	❍	❍
	SAE J1939 CANBus Interface	[3]			●	●	●	●
	Integrated Mains Monitoring					●		●
	Telemetry Facility				●	●	●	●
Volt Free Contacts	Battery Charger Fail		❍	❍	❍	❍	❍	❍
	Generator Running		❍	❍	❍	❍	❍	❍
	Common Alarm	[2]		❍	❍	❍	❍	❍
	System In Auto	[2]		❍	❍	❍	❍	❍
	Telemetry Active	[2]			❍	❍	❍	❍
	Charge Alternator Fail	[2]		❍	❍	❍	❍	❍
	Low Battery Volts	[2]			❍	❍	❍	❍
	Generator Contactor (ready to load)			●	●		●	
	Mains + Generator 'Contactor' Control					●		●
	Mains + Generator 'Breaker' Control							❍*
	Available Auxiliary Inputs / Outputs		1 / –	4 / 4	6 / 4	6 / 4	5 / 2**	4 / 3**
	Relay Expansion Board (max 8 outputs)				❍	❍	❍	❍

[1] Auxiliary input required
[2] Auxiliary output required
[3] Standard on engines with J1939 canbus only (no input required)

● Standard Equipment
❍ Available as an option
* Only one auxiliary output available with this option
** Relay expansion board standard on BCV models — additional 6 auxiliary outputs available.

NB: If the number of auxiliary outputs required exceeds the number available, select in addition the relay expansion board option (E114-11)

Remote start

Control Panels:
Large Bespoke generator sets

These control panels combine the ultimate in sophisticated operation with straightforward user interfaces.

This series of control panels use modular and standard components specifically designed for large, bespoke generator sets

Control Panel

All control panels are set mounted. They provide the highest degree of reliability and user-friendly operation. The control panel contains an integrated generator set controller that combines all the necessary control, protection and instrumentation for a generator set in one compact unit. A comprehensive display of instrumentation, alarms and parameters is shown on a graphical LCD screen with the various alarms and control settings easily adjustable.

Entry Level

The entry level for the market is a remote start system, however, generator sets can be provided with alternative control panels offering Automatic Mains Failure (AMF) capability and synchronising facilities.

Additional Models

Further models include multi-set synchronisation and load sharing functions together with single set-to-mains supply synchronisation, and multi-set-to-mains supply synchronisation. Network (G59) protection is also available by the addition of an integrated protection relay for generator sets operating in parallel with the mains supply.

Controllers

We offer generator set controllers with additional facilities dependent on the model, such as MODBUS protocol for remote interrogation by BMS/SCADA systems, a 100+ record data log/history file for recording alarms/control events and an engine service interval timer to indicate engine service due date.

Please refer to the detailed specifications to check standard features and see available options.

Features	Remote Start	AMF	Generator Parallel	Mains Parallel (Single Set)	Mains Parallel (Multi-Set)
Control Function					
Remote Start Control	●				
AMF Control		●			
Set to set synchronisation			●		
Single Set to mains supply synchronisation				●	
Multi-Set to mains supply synchronisation					●

● Standard Equipment

Control Panels for Large Bespoke generator sets

STANDARD SPECIFICATIONS

	Features	Remote Start	AMF	Generator Parallel	Mains Parallel (Single Set)	Mains Parallel (Multi-Set)
Engine Instruments	Coolant Temperature	●	●	●	●	●
	Lub. Oil Pressure	●	●	●	●	●
	Lub. Oil Temperature	❍	❍	❍	❍	❍
	Counters - Engine Hours/Starts/Service Due	●	●	●	●	●
	Battery Volts	●	●	●	●	●
	Engine Speed RPM	●	●	●	●	●
	Exhaust Temperature	❍	❍	❍	❍	❍
	Fuel Level	❍	❍	❍	❍	❍
Engine Protection	Low Oil Pressure Pre-Alarm & Shutdown	●	●	●	●	●
	High Oil Temp Pre-Alarm	❍	❍	❍	❍	❍
	High Oil Temp Shutdown	❍	❍	❍	❍	❍
	High Water Temperature Pre-Alarm & Shutdown	●	●	●	●	●
	Low Coolant Level Shutdown	❍	❍	❍	❍	❍
	Low Coolant Temperature Shutdown	❍	❍	❍	❍	❍
	Battery Voltage Alarm	●	●	●	●	●
	Fail To Start	●	●	●	●	●
	Overspeed	●	●	●	●	●
	Low Fuel Level Pre-Alarm	❍	❍	❍	❍	❍
	Low Fuel Level Shutdown	❍	❍	❍	❍	❍
	Fire Valve Operated Shutdown	❍	❍	❍	❍	❍
Generator Instruments	Voltage, Ph-Ph & Ph-N	●	●	●	●	●
	Current L1, L2, L3	●	●	●	●	●
	Frequency	●	●	●	●	●
	Kilowatts	●	●	●	●	●
	kWh, kVA, kVAr, kVArh, Power Factor	●	●	●	●	●
	Bus Voltage			●		
	Bus Frequency			●		
Mains Inst	Mains Voltage		●		●	●
	Mains Frequency		●		●	●
	Mains kW, kVAr, Power Factor				●	●
Generator Protection	Undervoltage & Overvoltage	●	●	●	●	●
	Underfrequency & Overfrequency	●	●	●	●	●
	Overcurrent (instantaneous) & IDMT	●	●	●	●	●
	Overload	●	●	●	●	●
	Current & Voltage Imbalance	●	●	●	●	●
	Phase Rotation	●	●	●	●	●
	Restricted Earth Fault	❍	❍	❍	❍	❍
	High Alternator Winding Temperature	❍	❍	❍	❍	❍
	Circuit Breaker Tripped	❍	❍	❍	❍	❍
	Reverse Power			●	●	●
	Fail to synchronise			●	●	●
Mains Protection	Under & Over Voltage		●		●	●
	Under & Over Frequency		●		●	●
	Voltage Imbalance		●		●	●
	Phase Rotation		●		●	●
Other Key Features	Off/Man/Auto Control	●	●	●	●	●
	Start/Stop/Fault Reset Pushbuttons	●	●	●	●	●
	Emergency Stop	●	●	●	●	●
	Mode Lock Key Switch	❍	❍	❍	❍	❍
	Engine Speed Control (for synch and load control)			●	●	●
	Alternator Voltage Control (for voltage matching and PF control)			●	●	●
	Manual Mains and Generator Circuit Breaker Operation			●	●	●
	Engine Heater Controls	●	●	●	●	●
	Alternator Heater Controls	❍	❍	❍	❍	❍
	Panel Heater Controls	❍	❍	❍	❍	❍
	Battery Charger Controls	●	●	●	●	●
	Generator Available & Not In Auto Indication	●	●	●	●	●
	Ready For Load Signal (volt free contact)	●				
	Generator Breaker Control (volt free contact)		●	●	●	●
	Mains Breaker Control (volt free contact)		●		●	●
	Common Alarm Signal (volt free contact)	●	●	●	●	●
	Generator Running Signal (volt free contact)	❍	❍	❍	❍	❍
	Maintenance Attention Required Signal (volt free contact)	●	●	●	●	●
	Audible Alarm Sounder	❍	❍	❍	❍	❍
	RS232 Port (MODBUS Protocol) *	❍	❍	●	●	●
	Data Log Facility			●	●	●
Additional Modules	**Network (G59) Protection Relay**					
	Under/Over Voltage and Frequency				❍	❍
	Voltage Assymetry				❍	❍
	Phase Rotation				❍	❍
	Vector Shift				❍	❍
	Mains Reverse Power				❍	❍
	Mains Control Module					
	Mains synchroniser and load control					●

● Standard Equipment ❍ Available as an option

* Not available on some Cummins engines – refer to factory.

Semi-submersible drilling rig hosing G&M bespoke generators

G&M TEX is independently owned and managed. When you contact us you are talking to friendly people who will work with you to meet your specific needs.

Our generator set range includes:

- **Diesel and gas powered**
- **Trailer mounted, diesel powered**
- **Gas and co-generation**
- **Oil and gas**
- **Marine**
- **Medium speed**
- **Gas turbines**
- **Bespoke**
- **Rental**

We also provide a wide range of static and rotary Uninterruptible Power Supply (UPS) systems.

Production Facilities

All G&M TEX products are designed and manufactured in our purpose-built factories at our corporate headquarters in Claydon Business Park, Great Blakenham, Ipswich, Suffolk, UK.

Brochures are available for all our products and services on our website, www.gmtex.co.uk

Emergency generators for British Royal Navy T45 destroyer

CAIGATETEX
ENERGY SOLUTIONS

MEET THE TEX HOLDINGS PLC

Tex Holdings PLC is the Holding Company of a UK manufacturing group within engineering, plastics and boards & panels markets

ADR Sales Ltd
ADR Sales Ltd offers airfield damage repair services within the concept of "Survive to Operate".

BSP IF Ltd
BSP International Foundations is one of the world's premier manufacturers of hydraulic piling hammers.

Eurotex Ltd
Eurotex International is a globally recognised LR Accredited marine engine refurbishment specialist.

G&M TEX Ltd
G&M TEX produces bespoke, world-class AC Generators for the marine, industrial and offshore markets.

TEX ATC
Tex ATC is a world-renowned air traffic control tower room designers.

Tex Engineering Ltd
Tex Engineering manufactures construction equipment for the highways and utilities industry.

Tex Plastics
Tex Plastics is the UK's foremost specialist injection moulding manufacturer.

TEX Special Projects
Tex Special Projects researches and develops for leading edge engineering consultancies.

QK Honeycomb
QK Honeycomb Products manufactures beautiful and innovative lightweight honeycomb panels.

G&M Tex Ltd.
Unit 69, Claydon Business Park, Great Blakenham, Ipswich, Suffolk, IP6 0NL, UK

tel: +44 (0) 1473 662777
email: sales@gmtex.co.uk
www.gmtex.co.uk

www.gmtex.co.uk