



**MODEL**

**MGB 20      MGB 40      MGB 65      MGB 100      MGB 150      MGB 175      MGB 300      MGB 400      MGB 500**

**TECHNICAL SPECIFICATIONS**

<b>Available Voltages</b>	120/240   120/208   277/480	120/240   120/208   277/480	120/240   120/208   277/480	120/240   120/208   277/480	120/240   120/208   277/480	120/240   120/208   277/480	120/208   277/480	120/208   277/480	120/208   277/480
<b>Prime Rating kVA / kWe</b>	<b>23 kVA / 18 kWe</b>	<b>45 kVA / 36 kWe</b>	<b>75 kVA / 60 kWe</b>	<b>113 kVA / 90 kWe</b>	<b>163 kVA / 130 kWe</b>	<b>200 kVA / 160 kWe</b>	<b>360 kVA / 288 kWe</b>	<b>438 kVA / 350 kWe</b>	<b>569 kVA / 455 kWe</b>
<b>Standby Rating kVA / kWe</b>	25 kVA / 20 kWe	50 kVA / 40 kWe	83 kVA / 66 kWe	125 kVA / 100 kWe	188 kVA / 150 kWe	219 kVA / 175 kWe	400 kVA / 320 kWe	500 kVA / 400 kWe	629 kVA / 500 kWe
<b>Engine Model</b>	404D-22G	4LE2X	1104D-E44TG1	1104D-E44TAG2	1106D-E66TAG3	1106D-E66TAG4	2206D-E13TAG3	2206D-E13TAG3	2506C-E15TAG3
<b>Alternator</b>	Meccalte	Meccalte	Stamford	Stamford	Stamford	Stamford	Marathon	Marathon	Marathon

**ENGINE SPECIFICATIONS**

<b>Engine Manufacturer</b>	Perkins	Isuzu	Perkins	Perkins	Perkins	Perkins	Perkins	Perkins	Perkins
<b>Model Number</b>	404D-22G	4LE2X	1104D-E44TG1	1104D-E44TAG2	1106D-E66TAG3	1106D-E66TAG4	2206D-E13TAG3	2206D-E13TAG3	2506C-E15TAG3
<b>Spec #</b>	GN71254N	4LE2XAGV02-510	NP83311R	NR83322R	PW83180R	PW83181R	TGDF7127	TGDF7127	MGDF7129
<b>Prime Output HP (gross)</b>	29.5	48	87	134	190	233	546	546	664
<b>Standby Output HP (gross)</b>	32.6	53.6	97	149	213	257	620	620	728
<b>Emissions Certification</b>	Tier 3/Flex	4 Final	Tier 3 / Flex	Tier 3 / Flex	Tier 3 / Flex	Tier 3 / Flex	Tier 3 / Flex	Tier 3 / Flex	Tier 2 / Flex

**FUEL SPECIFICATIONS (GAL/H)**

<b>Fuel Tank Capacity</b>	60 gal	80 gal	150 gal	150 gal	230 gal	230 gal	500 gal	500 gal	500 gal
<b>25% Load</b>	-	-	1.6	2.1	3.6	4.0	-	-	-
<b>50% Load</b>	0.9	1.5	3.2	4.3	6.2	7.5	12.6	15.7	20.3
<b>75% Load</b>	1.3	2.3	4.4	5.8	8.3	10.6	17.9	22.4	25.4
<b>100% Load</b>	1.8	3.1	5.3	7.9	11.4	13.7	23.4	29.2	34.9

**ALTERNATOR SPECIFICATIONS 25/40 C TEMPERATURE RISE CLASS H INSULATION**

<b>277/480 volt prime amps PF 0.8</b>	27.1	54.1	90.3	135.5	195.7	240.9	433.5	526.9	684.9
<b>277/480 volt standby amps PF 0.8</b>	30.1	60.2	99.4	150.5	225.8	264.4	481.7	602.1	752.7
<b>120/208 volt prime amps PF 0.8</b>	62.5	125.0	208.4	312.6	451.6	555.8	1000.4	1215.8	1580.6
<b>120/208 volt standby amps PF 0.8</b>	69.5	138.9	229.3	347.4	521.1	607.9	1111.6	1389.5	1736.9
<b>120/240 volt prime amps 1PH PF 1.0</b>	75.0	150.0	250.0	375.0	541.7	666.7	-	-	-
<b>120/240 volt standby amps 1PH PF 1.0</b>	83.3	166.7	275.0	416.7	625.0	729.2	-	-	-

**ENCLOSURE SPECIFICATIONS**

<b>Length</b>	80"	101"	120"	120"	153"	153"	208"	208"	208"
<b>Width</b>	38"	40"	45"	45"	51"	51"	72"	72"	72"
<b>Height</b>	60"	64"	61"	61"	68"	68"	91"	91"	91"
<b>Weight-Dry</b>	2,400 lbs	2,920 lbs	4,850 lbs	4,950 lbs	6,495 lbs	6,495 lbs	14,400 lbs	14,400 lbs	15,300 lbs
<b>Length with Trailer</b>	124"	170"	192"	192"	231"	231"	300.5"	300.5"	300.5"
<b>Width with Trailer</b>	60"	70"	76"	76"	82"	82"	102"	102"	102"
<b>Height with Trailer</b>	79"	86"	75"	75"	87"	87"	117"	117"	117"
<b>Weight with Trailer</b>	2,700 lbs	3,650 lbs	5,660 lbs	5,780 lbs	8,220 lbs	8,400 lbs	18,900 lbs	18,900 lbs	19,880 lbs
<b>Weight with Trailer Ready to Run</b>	3,170 lbs	4,129 lbs	6,780 lbs	6,900 lbs	9,925 lbs	10,100 lbs	22,500 lbs	22,500 lbs	23,500 lbs
<b>Sound dBA Level at 23 ft.</b>	59 dBA	64 dBA	67 dBA	69 dBA	71 dBA	71 dBA	75 dBA	75 dBA	75 dBA