

## Thermoelectric Generators (TEGs)

| Model  | Power Specifications<br>(at 68°F/20°C)                               | Fuel Consumption<br><small>*All natural gas is Std. 1,000 BTU/SCF 37.7 MJ/Sm<sup>3</sup> Gas</small> |                                                         | Fuel Supply Pressure             | Dimensions and Weight                                                   | Certifications                                                                        |
|--------|----------------------------------------------------------------------|------------------------------------------------------------------------------------------------------|---------------------------------------------------------|----------------------------------|-------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
| 5030   | 21 Watts @ 12 Volts<br>21 Watts @ 24 Volts                           | Natural Gas                                                                                          | 74 ft <sup>3</sup> /day<br>(2.1 m <sup>3</sup> /day)    | 10 – 25 psig<br>(69 – 172 kPag)  | Dimensions LxWxH:<br>13.7 x 14 x 15.2 (inch)<br>347 x 355 x 386 (mm)    |                                                                                       |
|        |                                                                      | Propane                                                                                              | 0.8 US gal/day<br>(3 L/day)                             | 15 – 25 psig<br>(103 – 172 kPag) | Weight:<br>40 lb (18 Kg)                                                |                                                                                       |
| P-5050 | 50 Watts @ 14 Volts<br>50 Watts @ 27 Volts<br>40 Watts @ 54 Volts    | Natural Gas                                                                                          | 168 ft <sup>3</sup> /day<br>(4.8 m <sup>3</sup> /day)   | 15 – 50 psig<br>(103 – 344 kPag) | Dimensions LxWxH:<br>30.5 x 12.1 x 39 (inch)<br>774 x 306 x 991 (mm)    |    |
|        |                                                                      | Propane                                                                                              | 1.9 US gal/day<br>(7.2 L/day)                           |                                  | Weight:<br>90 lb (41 Kg)                                                |                                                                                       |
| P-5100 | 100 Watts @ 14 Volts<br>100 Watts @ 27 Volts<br>80 Watts @ 54 Volts  | Natural Gas                                                                                          | 332 ft <sup>3</sup> /day<br>(9.4 m <sup>3</sup> /day)   | 15 – 50 psig<br>(103 – 344 kPag) | Dimensions LxWxH:<br>31.1 x 12.1 x 39.1 (inch)<br>790 x 306 x 994 (mm)  |    |
|        |                                                                      | Propane                                                                                              | 3.6 US gal/day<br>(13.8 L/day)                          |                                  | Weight:<br>132 lb (60 Kg)                                               |                                                                                       |
| 5220   | 195 Watts @ 12 Volts<br>178 Watts @ 24 Volts                         | Natural Gas                                                                                          | 700 ft <sup>3</sup> /day<br>(19.7 m <sup>3</sup> /day)  | 24 – 50 psig<br>(165 – 344 kPag) | Dimensions LxWxH:<br>32.1 x 20.7 x 50.2 (inch)<br>815 x 526 x 1275 (mm) |   |
|        |                                                                      | Propane                                                                                              | 7.4 US gal/day<br>(28 L/day)                            |                                  | Weight:<br>221 lb (100 Kg)                                              |                                                                                       |
| 8550   | 480 Watts @ 12 Volts<br>550 Watts @ 24 Volts<br>480 Watts @ 48 Volts | Natural Gas                                                                                          | 1695 ft <sup>3</sup> /day<br>(48 m <sup>3</sup> /day)   | 15 – 25 psig<br>(103 – 172 kPag) | Dimensions LxWxH:<br>61 x 61 x 40.4 (inch)<br>1549 x 1549 x 1026 (mm)   |                                                                                       |
|        |                                                                      | Propane                                                                                              | 20.1 US gal/day<br>(76 L/day)                           | 20 – 25 psig<br>(138 – 172 kPag) | Weight:<br>225 lb (102 Kg)                                              |                                                                                       |
| S-8500 | 460 Watts @ 12 Volts<br>520 Watts @ 24 Volts<br>460 Watts @ 48 Volts | Natural Gas                                                                                          | 1780 ft <sup>3</sup> /day<br>(50.4 m <sup>3</sup> /day) | 15 – 50 psig<br>(103 – 344 kPag) | Dimensions LxWxH:<br>37 x 37 x 97.2 (inch)<br>940 x 940 x 2468 (mm)     |  |
|        |                                                                      | Propane                                                                                              | 20.1 US gal/day<br>(76 L/day)                           | 24 – 50 psig<br>(166 – 344 kPag) | Weight:<br>604 lb (274 Kg)                                              |                                                                                       |

## Hazardous Location TEGs

| Model                                                                     | Power Specifications<br>(at 68°F/20°C)                                | Fuel Consumption<br><small>*All natural gas is Std. 1,000 BTU/SCF 37.7 MJ/Sm<sup>3</sup> Gas</small> |                                                       | Fuel Supply Pressure             | Dimensions and Weight                                                                                         | Certifications                                                                                         |
|---------------------------------------------------------------------------|-----------------------------------------------------------------------|------------------------------------------------------------------------------------------------------|-------------------------------------------------------|----------------------------------|---------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------|
| <b>Sentinel</b><br>Hazardous Approved<br>(Class 1, Div.2)                 | 8 Watts @ 12 Volts<br>8 Watts @ 24 Volts                              | Natural Gas                                                                                          | 168 ft <sup>3</sup> /day<br>(4.8 m <sup>3</sup> /day) | 5 – 25 psig<br>(34 – 172 kPag)   | Dimensions LxWxH:<br>18.5 x 15.9 x 37.2 (inch)<br>469 x 403 x 946 (mm)<br><br>Weight:<br>93 lb (42 Kg)        |                     |
| <b>1120</b><br>Hazardous Approved<br>(Class 1, Div.1)<br>(Class 1, Div.2) | 110 Watts @ 6.7 Volts<br>100 Watts @ 12 Volts<br>100 Watts @ 24 Volts | Natural Gas                                                                                          | 311 ft <sup>3</sup> /day<br>(8.8 m <sup>3</sup> /day) | 10 – 25 psig<br>(69 – 172 kPag)  | Dimensions LxWxH:<br>31.6 x 23.7 x 45.3 (inch)<br>801 x 602 x 1150 (mm)<br><br>Weight:<br>286 lb (130 Kg)     | Class 1, Div 1:<br> |
|                                                                           |                                                                       | Propane                                                                                              | 3.0 US gal/day<br>(11.4 L/day)                        | 15 – 25 psig<br>(103 – 172 kPag) |                                                                                                               | Class 1, Div 2:<br> |
| <b>1500</b><br>Hazardous Approved<br>(Class 1, Div.2)                     | 500 Watts @ 24 Volts                                                  | Natural Gas                                                                                          | 1695 ft <sup>3</sup> /day<br>(48 m <sup>3</sup> /day) | 15 – 25 psig<br>(103 – 172 kPag) | Dimensions LxWxH:<br>55.7 x 55.7 x 114.1 (inch)<br>1416 x 1416 x 2899 (mm)<br><br>Weight:<br>1530 lb (700 Kg) |                     |

## M-Series

| Model              | Power Specifications<br>(at 68°F/20°C)                                                              | Fuel Consumption<br><small>*All natural gas is Std. 1,000 BTU/SCF 37.7 MJ/Sm<sup>3</sup> Gas</small> |                                                                  | Fuel Supply Pressure                                      | Dimensions and Weight                                                                                        | Certifications                                                                                                                                            |
|--------------------|-----------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------|------------------------------------------------------------------|-----------------------------------------------------------|--------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>MX PrimeGen</b> | Rating:<br>0 kVA – 6.0 kVA Net Output<br>8.0 kVA Net Overload @ 60Hz<br>7.1 kVA Net Overload @ 50Hz | Natural Gas                                                                                          | 710 – 2100 ft <sup>3</sup> /day<br>(20 – 60 m <sup>3</sup> /day) | Standard Pressure:<br>2 – 5 psig<br>(14 – 34 kPag)        | Dimensions LxWxH:<br>42.5 x 90.3 x 97.6 (inch)<br>1080 x 2292 x 2481 (mm)<br><br>Weight:<br>1750 lb (795 Kg) | <br><br>Certification of<br>Conformity to<br>EPA 40 CFR Part<br>1054 |
|                    | Voltage:<br>120/208V 3PH 60Hz<br>120/240V 1PH 60Hz<br>110/220V 1PH 50Hz                             | Propane                                                                                              | 8 – 23 US gal/day<br>(30 – 86 L/day)                             | With Regulator Option:<br>10 – 28 psig<br>(69 – 193 kPag) |                                                                                                              |                                                                                                                                                           |

**ISO**  
9001:2015

REGISTERED

Specification sheets are subject to change without notice. To verify you have the most current information, please contact a Global Power Technologies representative.

\*Custom configuration: please contact Global Power Technologies for more information.

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