MODEL 5120
Thermoelectric Generator

The Model 5120 Thermoelectric Generator contains no moving parts. It is a reliable, low-maintenance source of DC electrical power for any application where regular utilities are unavailable or unreliable.

KEY DESIGN FEATURES:
✓ Automatic Spark Ignition (SI)
✓ Automatic Fuel Shut-Off (SO)
✓ Fuel Filter
✓ Low Voltage Alarm Contacts (VSR)
✓ Volt & Amp Meter (6.7V excluded)
✓ Reverse Current Protection

OPTIONAL FEATURES:
✓ Cathodic Protection Interface
✓ Pole Mount or Bench Stand
✓ Corrosive Environmental Fuel System
✓ Flame Arrester
✓ Marine Service
✓ Remote Start
✓ High BTU Gas Pack

Power Specifications

<table>
<thead>
<tr>
<th>Power Rating at 20ºC:</th>
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<tbody>
<tr>
<td>120 Watts @ 6.7 Volts</td>
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<tr>
<td>108 Watts @ 12 Volts</td>
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<tr>
<td>108 Watts @ 24 Volts</td>
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<tr>
<td>108 Watts @ 48 Volts</td>
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Output: Terminal block which accepts up to 8 AWG wire. Opening for 3/4” conduit in base of cabinet.

Environmental

Ambient Operating Temperature:
Max. +45ºC (115ºF)
Min. -40ºC (-40ºF)

Operating Conditions:
Unsheltered operation

Please contact GPT for operating conditions below -40ºC or above +45ºC.

Construction

Materials:
Cabinet: 304 Stainless Steel (SS)
Cooling Type: Natural Convection
Fuel System: Brass, Aluminum & Stainless Steel

Note:
Specifications shown are for standard 5120 configurations. Global Power Technologies (GPT) also offers customized products and systems to accommodate custom voltages, fuel supply systems and operating temperatures.

Specification data stated in this document is subject to change without notice. To verify these specifications are current, please contact your GPT sales representative.

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ISO 9001:2008 REGISTERED
OPENING FOR 3/4" CONDUIT 6.7, 12, 24 OR 48 VDC CUSTOMER LOAD, TERMINAL ACCEPTS UP TO 8 AWG WIRE

FUEL SUPPLY 1/4" MNPT CONNECTION AT GENERATOR

SUPPORT COLUMN (OPTIONAL) 3" SCH. 40 PIPE

NOTES:
Generator Weight: 60 kg [132 lb]  |  Model: 5120

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Typical Dimensions  |  Model 5120