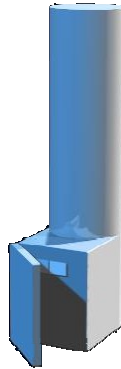


Thermoelectric Generator 220W/12V



General

Made from high temperature PbTe/PbSnTe thermoelectric couples assembled in hermetically sealed modules to produce electricity by the conversion of heat energy. The heat is produced by a gas burner.

Electrical

Power output	220W/12V @ 20C, 750m
Output Voltage]	12-18V DC

Operating Fuel

Natural gas
Compressed Natural gas
Propane

Construction

Housing	Stainless steel
Modules enclosure	Acid proof steel
Hot frame	High temperature alloy
Burner	Meeker type alt. Catalytic burner
Wiring/ tubing	Heat resistant materials
Cooling	Passive air cooling

Fuel regulations

Gas pressure Regulator inlet	100 PSIG(Max)
Fuel Shut off	Automatic when no combustion is present

Ignition	
Automatic	yes
Match	yes
Atmospheric Conditions	
Ambient temperature	10C - 60C
Altitude	1000m
Output control	
Variable resistor	Fitted in TEG unit Min to max current adjustable
Metering	
Voltmeter and Amperemeter	Mounted within cabinet alternatively in a separate metal box
Mounting	
Pole	
Alt. Floor	
Reverse current prevention	
Blocking diode	
Warranty: 5 Years	
Terms	Excluding normal wear of burner system parts. Normal handling is required. Excluding mechanical abuse of the unit. Warranty void if the cooling air flow is or has been blocked

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