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## Product Description:

The TEG10W stove top TEG Generator is a small convenient lightweight generator, weighting only (3.6 lbs.) 1.5 Kg. The units nominal power output is 10 watts. The connector output comes with a USB Cell phone charger 5V and a secondary Terminal for 1.2V to 20V Current driven safe charging. Placed on a direct heat source for best results or a very hot woodstoves for indoor lighting and powering for any 5VDC or 12VDC load. Better results occur if the unit is direct placed on a flame source as more heat is absorbed into the hot plate and direct into and thru the modules. ALWAYS PLACE ON WOODSTOVE AFTER IT IS HOT SO, YOU SHOCK THE HOT SIDE AND CREATE A RAPID DELTA TEMPERATURE. IF YOU DO NOT THE HEAT WILL TRANSFER SLOWLY TO BOTH HOT & COLD SIDE ELIMINATING ANY DT. As well make sure the fan is running for at least 5 minutes. Failure to do this will cause the fan to stop if load is engaged too soon.

Specifications :	
PART NUMBER	TEG10W
Nominal Output power	10 watts
Output Voltage	USB 5VDC output AUX. 1.2V to 20V Terminal Smart Battery charging & loads
TEG Modules	TEG1-4199-5.3 4 pieces 120mm 12V fan
Size:mm and inches	15cm x15cm x 12.5cm H 6"x 6" x 5"
Weight : metric Imperial	1.7Kgs 3.6lbs
**Best results attained from direct flame contact with base plate creating heat flux.	



**Instruction:** Place TEG Generator on surface or direct flame (for best results) after it is Very Hot. Propane stove Burners provide BEST results because they offer the greatest direct heat flux. Woodstoves offer some flux but require a lot of heat for the unit to operate. Roughly wait 2 to 3 minutes, after which you should see the cooling fan begin to turn. After about ~ 4 minutes you should have enough power to begin Charging your USB 5VDC device 1.2V to 20V rechargeable batteries.

**Cautions:** Casing of unit will become extremely hot and can burn on contact do not touch with unprotected hand.

**Troubleshooting:** Always check to make sure fan is turning. If you find that the fan does not turn remove from heat source IMMEDIATELY and check that it is working properly. Never heat up and remove than return to source again. Allow the unit to fully cool so cold side creates greatest differential to hot side!

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