



TEG12VDC- 24 VDC LIQUID COOLING

The TEG12VDC or 24 VDC is a nominal 50 watt TEG Generator (hot side of 300° to 320°C). The unit works up to a hot surface temperature of 400°C (750°F). A 12V DC Mag Drive high efficiency pump is supplied (separately) consumes 5 to 15 Watts depending on which model is selected. 1 pump can typically run up to 3 to 4 TEG Generators. The initial units use an adjustable preset voltage shunt with a nominal output of ~5V to 29V and can be set to charge at ~14.2 V or ~27.2 V for 12 or 24VDC trickle charge batteries . Variable voltage pot can also be set to run loads including lighting, fan, or any 12 or 24VDC device. (OUTPUT BASED ON MAXIMUM HOT SIDE TEMPERATURE) preset at factory Based on Customers requirements for optimum power generation!

*****Option: call for details



DESIGNED & MANUFACTURED IN CANADA sub-components from USA

Designers of advanced TEG Generators using state of the art heat Transfer patented technology

N.A.1-800-769-2395

International 1-905-751-1362

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Specifications:

PART NUMBER	TEG12VDC-24 LIQUID
OUTPUT POWER	50 watts nominal
OUTPUT VOLTAGE	Variable preset by Factory up to 27.2 Volts
Variable Shunt Regulator	Adjustable range 4V to 29V
Output voltage for charging circuit	~14.2 to 27.2V fully Adjustable Voltage Pot
Recommended Maximum Hot side temperature 400°C	
PUMP SPECIFICATIONS	TEG5-10-15 DC MAG DRIVE PUMP
Dimensions	13"(33cm) x 5" (12.7cm) x 2.55" (6.50cm)
Weight	10 lbs (4.5 Kgs.)
INLET & OUTLET OD	.5"(12mm) / .5"(12mm)

PUMP: TEG5-10-15W 12V DC MAG. DRIVE PUMP

RADIATOR: 10" x 5"

Additional specifications are on our website

NOTE:

TEG Generators should always be used in conjunction with a battery system for back-up power. A requirement for initial power to run either the pump or fan.

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