

SPECIFICATION SHEET



8kWe Peak Power Output

Micro Turbine Generator

January 16, 2025



SPECIFICATIONS

FEATURES

Available Output: DC or 3-Phase AC
Available Voltages: LV and HV
Full Auto: Start / Restart / Cool-down
Self-Fuel-Priming Feature
Internal Start-up Battery with auto-recharge
Fully controlled output voltage
Ready-to-use out of the box

MASS PROPERTIES

Mass (LV / HV): 10kg / 12kg
Mass (no panels) (LV / HV): 8kg / 10kg

PERFORMANCE

Power (peak): 8.0 kW
Output (LV): 25V – 75V
Output (HV): 250V – 750V
Optimal Voltage (LV / HV): 62V / 620V
Turbine RPM (max): 140,000
Alternator RPM (max): 10,000
Thrust (max): 37N

POWER PLANT

1X Two-Stage Micro Turbine
Start-up time: 30sec
Fuel Type: Heavy (Kerosene/Diesel/Jet-A)
Lubrication (mixed with fuel): 3-5% Turbo Oil
Fuel Flowrate (max): 300gram/min
Air Flowrate (max): 0.25kg/s
Exhaust Temperature: 650C
Maintenance Interval (80% Mean Throttle): 50Hrs
Noise Level (max): 100dB

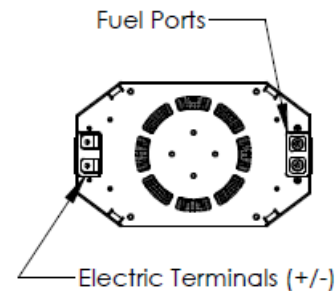
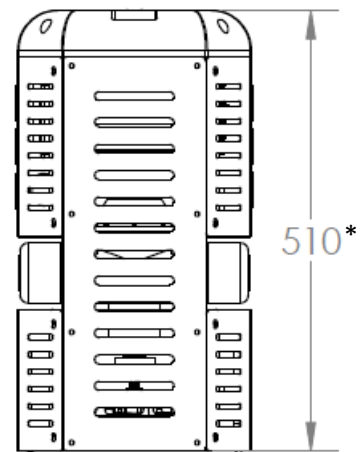
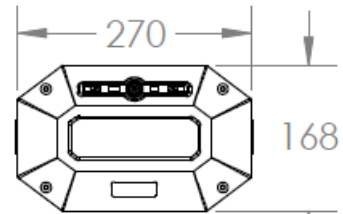
INTERFACES

Supply/Return Fuel: 2X 6mm OD Hose
Electrical Load: 2x M6 Ring Terminals

INCLUDED IN KIT

Wired Remote Control
Fuel Tubing & Power Cables
Carrying Handle
AC Charger (For Start-up Battery)

DIMENSIONS (mm)



*HV version is 535mm long



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