



BLADON 12KW MICRO TURBINE GENSET

**RELIABLE.
COST EFFECTIVE.
TOWER POWER.**



POWER. TRANSFORMED.



UP TO 8,000 HOUR SERVICE INTERVALS

- Up to 90% fewer site visits
- Once a year service
- Zero maintenance, sealed for life power unit
- Minimal replacement parts - simple, low cost servicing



FUEL FLEXIBILITY

- Use diesel or kerosene, or any blend of the two
- Lowers fuel costs
- Deter fuel theft through mixing



SECURE BY DESIGN

- Hardened steel cabinet
- Tamper proof internal hinges
- Door lock Smartlock compatible
- Does not use conventional diesel genset parts



REDUCED ENVIRONMENTAL IMPACT

- Stage V emissions compliant genset (12kW)
- Low noise of <65dB
- Ultra low vibration

CONTROL & MONITOR MTG'S FROM ANYWHERE

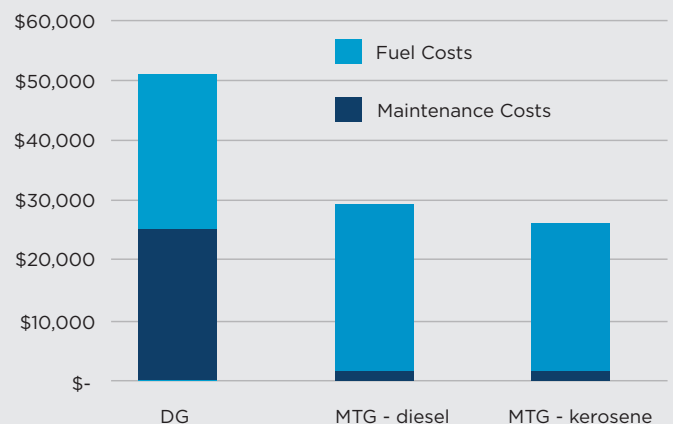
Designed from the very beginning to be an ultra reliable, ultra low maintenance genset with powerful monitoring and management capabilities built in. That's why every MTG comes with the DSE7320 MKII controller from Deep Sea Electronics.



REDUCE OPEX BY UP TO 60%

- Up to 90% reduction in site maintenance visits
- Savings in fuel costs
- Proactive antitheft measures through blending fuels, non-reusable genset parts, low value consumables

Sample - Telecom Tower 3 year OPEX savings



SUMMARY TECHNICAL SPECIFICATION

| PERFORMANCE | |
|--------------------------|--|
| Power Output | 12kW |
| ENGINE | |
| Engine Type | Micro Gas Turbine |
| Operating Environment | Off-grid, back up, noise and emissions sensitive sites |
| FUEL OPTIONS | |
| Fuel Types | Diesel (EN509:2009), Kerosene (K1 Grade) or paraffin |
| PHYSICAL SPECIFICATION | |
| Dimensions | 2.1m(L)x0.9m(W)x1.1m(H) excluding exhaust flue |
| Weight (excl. batteries) | 860kg excluding batteries |
| Security | IP54 Ingress protection, Tamper proof doors. Remote monitoring and geo locking options. |
| EMISSIONS | |
| Noise | <65dB @ 1m |
| Exhaust Emissions | Exceeds EU Regulation 1628 Tier V requirements |
| SAFETY | |
| Certification | ISO 19372:2015, CE Marked with TUV independent certification and type test |
| ENVIRONMENTAL RANGE | |
| Operating Conditions | -10°C to +45°C |
| Relative Humidity (%RH) | 0-99 |
| SERVICE AND WARRANTY | |
| Service Interval | Up to 8,000 hours** |
| Warranty | 2 years or 5,000 running hours whichever comes first |

ABOUT BLADON

Bladon is a pioneer in the design, development and manufacture of Micro Turbine Gensets.

Bladon is the world's first manufacturer of microturbine gensets for the telecom market. The company has developed revolutionary patented microturbine, heat exchanger and air bearing technologies to deliver cost effective reliable power.

BLADONMT.COM

 **@BLADONMTG**

**8,000 hours service life subject to suitable air and fuel quality.

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BMT-PROD20120

Bladon Approved Reseller