

# Enclosures

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**Ultra Quiet Enclosure**



**Crystal Quiet Enclosure**



**Weather Proof Enclosure**

Katolight enclosures are designed to meet a wide variety of engine generator applications. From harsh environmental conditions to extreme sound attenuation needs, these rugged enclosures are built with longevity in mind and are manufactured from steel, galvaneal, stainless steel or aluminum. The standard colors are Katolight tan or gold. Custom colors are available. A Katolight enclosure will protect the entire power system.

### Design Features:

- Bolted construction
- Removable and lockable doors with two point latching
- Modular construction
- Available with a variety of sound attenuation options
- UL 2200 compliant



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CORPORATION

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## Enclosure Information

Katolight enclosures are designed and built specifically by Katolight to meet a variety of applications and industry specifications. Katolight has the flexibility to change specifications and offer new features as required. Various levels of noise reduction are possible through innovative and improved sound attenuating materials. Katolight offers three basic models of enclosures, with various options for each.

### Crystal Quiet Enclosure

Designed specifically by Katolight to meet severe noise and wind requirements, this model is the best in the industry. It is UL2200 compliant and comes standard with 1.5" of 2.15 lbs/ft<sup>3</sup> polyether polyurethane sound attenuating foam, meeting flame and heat resistance standards. It is rodent proof, has an internally mounted silencer, and is tested to meet 125mph wind loads and 45 degree rain. These features plus the esthetic values inherent in the design, make the unit a showpiece. Expected dBs for a similar 125kW unit are 69 @ 23'...approximately the same as a central air conditioner.



### Ultra Quiet Enclosure



Similar in design to the Weather Proof enclosure, this model offers more sound attenuating foam, and has larger air chambers. Fixed air intake louvers, housed within their own air chamber, along with 1.5" foil coated foam and a bird screen make this enclosure very popular. Expected noise levels for this unit are about 3-4 dB less than the Weather Proof enclosure with foam and scoops. This enclosure design is used on DDC/MTU Power Generation models, which are 250kW and above.

### Weather Proof Enclosure

This enclosure is inexpensive, but offers many of the advantages of more expensive models. It fully protects the generator set and components, while considerably reducing noise levels. On a typical 125kW unit, this enclosure has a dB rating of 81 @ 23' with 1.5" foam insulation. With the addition of intake and exhaust scoops, the dB level is 78 @ 23'.



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