



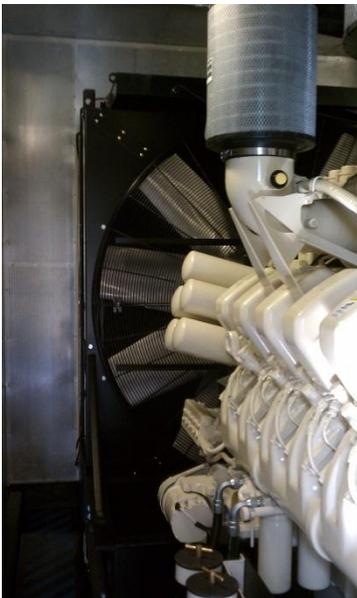
Design by Initiative LLC, Product News – July 2012

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Work continues in our Newnan facility - building enclosures, custom fabrication as well as expanded consulting projects!



In this photo is a 2000kWe genset which was delivered in Georgia. It is 411" long x 12' wide and 12' tall. Our scope called for a Walk-in Enclosure, an attenuation level of <math><83\text{ dB(A)}</math> at 7 meter, and the installation of a 3000A circuit breaker with an external custom buss bar cabinet. The cables were run in a custom tray below the floor. Fuel supply and return piping was also under the floor, within the skid base. All to ensure a safe, neat work area within the enclosure!



The client chose to have the batteries in a recessed, ventilated battery box which included a battery acid resistant finish, aluminum diamond plate cover and hold backs. This feature allows improved access, and when closed (or open), is in keeping with our unrelenting goal for safety improvement by way of, in this case, an unencumbered work area and spill containment. The floor features our signature “non-slip” striping – improving location awareness in promotion of safety.

Fuel piping is, as a **dB(i)** standard, painted brown (international code for hydrocarbons). Another standard feature is flow direction indication and Raised Face 150# ANSI Flanges.

dB(i) designed and built a custom cabinet, to be field mounted for shipping purposes, which housed the 3000A Circuit Breaker buss bar. This allows for external field attachment. All cabling was run and ready for final field assembly. Details such as phase color coding, anti-scuff pad between enclosure & cabinet, drip edge and door bumpers all included.

Engine conversion to water cooled charge air.

dB(i) was recently given the honor of a “repeat” order to convert an ATAAC engine to water cooled aftercooling as part of a remote radiator installation. The picture below shows the initial unit (currently in 24/7 prime power operation) installed in it's home at a high end resort in the Caribbean. Scope included **dB(i)** custom designed and manufactured (100% TIG welded) low delta P Air Box which also supports the remote charge air cooler (RCAC); all related bracketry, electrical hook up by way of motor frequency start, Air and Water Pipe work as well as the fabrication and mounting for the pump - all to factory standards plus! The unit shipped assembled and “ready to run”.

dB(i) water pipework color coded (in this case green depicting water glycol).



dB(i) is also proud to offer **FUELOGIC** fuel control systems. All the **MISSION CRITICAL** control you need in an affordable, compact package. Whether it is a day tank, a sub base tank or a multi pump / multi generator set – we can help!

We welcome and enjoy all of our business no matter how simple or challenging. Give us a call and see how Design by Initiative can provide you a safe choice, a quality, custom solution at a competitive price! And witness our attention to detail for you and your customer first hand.

Please contact us for any further info and to explore ways that we can help you win business!!! . 404-996-1282