

AVID CONTROLS®

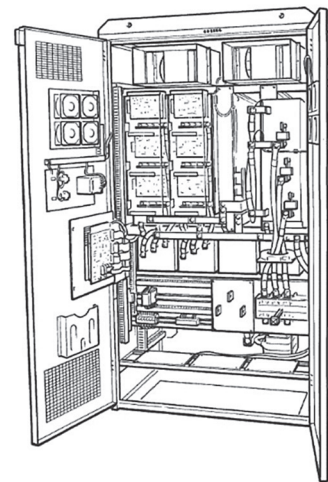
UPGRADE TO MVD500

The **MVD500** air-cooled inverter modules from Avid Controls offer a cost-effective upgrade path to your Alstom, Converteam or Cegelec MV3000 drive systems. The **MVD500** Delta module is the workhorse of the air-cooled range. Up to six 500A modules can be connected in parallel and can be used in standard DFE mode using the 1600A rectifier or as an AEM configuration. Air cooling offers the advantage of simplicity and ease of maintenance.

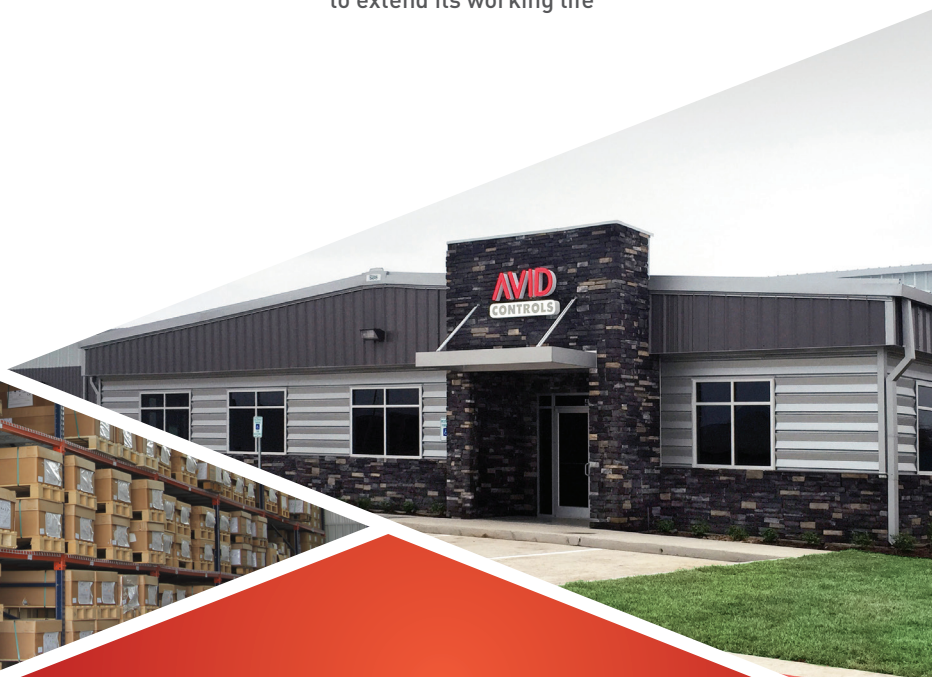
The original DELTA modules rated at 300A and 377A have been obsolete for some time putting these systems at risk in the event of a fault. It is now possible to replace these obsolete modules with brand new units thus extending the life of the equipment.

Some advantages of upgrading to the **MVD500**:

- > Latest Technology IGBT
- > Compatible with all current equipment installed in cabinet, no need to change
- > Same physical dimensions as older Inverter, no cabinet modification
- > CE Marked, Certified to UL508C
- > Made in the USA



Old Equipment like this can be upgraded
to extend its working life



WHY UPGRADE

By replacing the inverter modules with **MVD500** the rest of the cabinet equipment can remain as is removing the need to replace the whole drive system. The **MVD500** modules from Avid Controls are the same physical size as the DELTAs being replaced with the same electrical connections.

OPTIONS

Avid offers two modules to cover the different operating voltages. The **MVD500-4501** is normally used to replace the MVD377 for systems operating from **380-525V AC**. The **MVD500-4701** replaces the MVD300 DELTA for systems operating at 600-690V AC. Your existing rectifiers, controllers, SMPS, fans etc can remain in-situ and are all compatible with the new MVD500 modules.

QUALITY ASSURED

The **MVD500** modules from Avid are built to the same exact standards as your original equipment and carry the same approvals. Modules are CE marked and certified to UL508C.

MINIMUM DOWNTIME

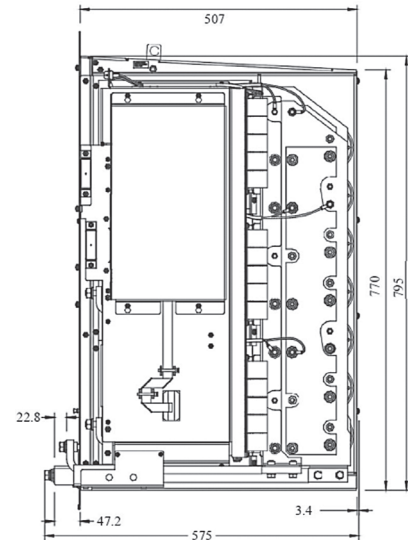
The upgrade can be done quickly, usually in one day, compared to a much longer time to change the whole inverter suite. Each original DELTA is replaced with **MVD500** (old and new can not be mixed) and the original program in the drive controller (CDC) can be employed with minimum adjustments. Furthermore, plant maintenance staff will require minimum re-training as the **MVD500** modules are identical in operation to the ones being replaced.

UPGRADING EARLIER SYSTEMS

The predecessor to the MV3000 drive range was the GD2000/GD3000 system. These older drives use GD300 and GD377 modules which have not been available for many years. The good news is that the **MVD500** modules can also be used to upgrade these with the added requirement that the drive controller, SMPS, Comms and I/O units are also upgraded at the same time. Once again, the original rectifiers and cabinet hardware can be retained.

OTHER EQUIPMENT

Avid can also offer spare parts for your MV3000 drive system including fan modules (both standard and high capacity), new CDC controllers, SMPS, I/O and comms modules.



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