

INTELLIGENT POWER TECHNOLOGY® (IPT) UPGRADE PACKS FOR LEGACY DRASH® TRAILERS



Intelligent Power Technology is an advanced smart system that links generators in parallel to create a single power grid to optimize power generation. HDT IPT Trailers provide only enough power to meet the immediate needs of a field facility, reducing unnecessary run-time hours and fuel consumption.

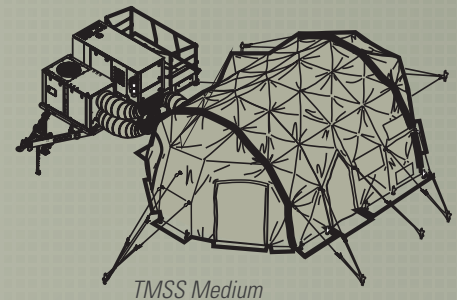
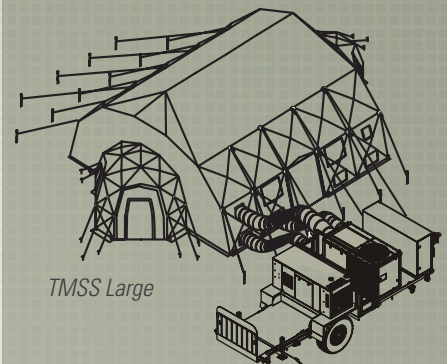
Now, HDT Intelligent Power Technology® (IPT) Upgrade Packs are available for legacy DRASH® trailers. The full upgrade pack converts an analog generator to an IPT generator with digital control panel, converts the ECU to allow for load shedding and also includes a quiet fan (select models only). The interface, electrical set and other key components are replaced by a HDT DRASH-certified technician. HDT also has Analog-to-IPT Generator Packs that convert the generator only.

For a fraction of the cost of a new IPT System, an existing analog system can be completely converted to digital and incorporated into a micro-grid. An entire Brigade TOC (1 TMSS Large and 8 TMSS Mediums) can be converted to IPT for about the price of one Intelligent Power TMSS Large.

HDT DRASH Trailers with Intelligent Power Technology have been deployed around the globe and are US Army-approved as the new standard for the TMSS Program.

AFTERMARKET SUPPORT FOR:

All DRASH 18kW and 33kW systems as well as ECU quiet fan option available for DRASH 5-ton and 12-ton ECUs.



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BENEFITS OF THE FULL UPGRADE PACK:

- Automatic start / stop power management
- Remote monitoring
- Various grid configurations have yielded a reduction in fuel consumption of up to 65%
- Reduction of ECU noise by 6.5 db
- Plug-and-play capabilities
- Load sharing for equal distribution of power among active generators
- Load shedding to prevent brownouts during sudden peaks in demand
- User-friendly touch screen
- Real-time system performance and diagnostic tools
- Reduces the number of necessary generators
- Reduces the number of prime movers required

COMPONENT LIST OF THE FULL UPGRADE PACK:

- Housing assembly
- Anti-wet-stacking assembly
- Quiet fan for ECU assembly (DRASH 5T and 12T systems only)
- Load shed retro kit
- Fuel tank kit
- Trailer electrical set
- Assorted hardware, cables, connectors and legends
- Detailed instructions

To find out if your HDT analog DRASH trailer can be updated, please contact your HDT Representative.

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All DRASH 18 kW and 33 kW analog systems (shown above) can be converted to IPT systems, with a digital control panel (below).



The upgraded quiet fan (available for DRASH 5T and 12T systems) provides a significant reduction in ECU noise.