



MMD PowerPro™ Generators

Parallel Power That Makes Sense

We traditionally look to larger generators for all our power needs. However, we overlook the fact that when using larger generators the unit is not under 100% load each time; investing in a larger unit that doesn't always utilize its full power output. In a perfect world power NEEDS will always match ACTUAL power being utilized.

However, in the real world this isn't the case, but we do have parallel power technology that closes that gap. Instead of using one large generator, we can parallel smaller units together utilizing power at different loads and requirements. Smaller units can supply sufficient power for lower loads, and paralleled units can kick-in when larger and more demanding loads are required.

Why parallel?

- Multiple generators can supply a larger load than one machine by itself.
- Having multiple generators increases the reliability of the power system, since failure of any one generator does not cause a total power loss to the load.
- Having multiple generators operating in parallel allows one or more generators to be removed for shutdown and preventive maintenance.
- If only one generator is used and it is not operating at near full load, then it will be relatively inefficient. But with multiple machines it is possible to operate only a fraction of them. The ones that do operate near full load are therefore more efficient.

A properly sized Load Management System will take advantage of multiple generators and allow for greater fuel savings than having a single unit run non-stop across a weekly or monthly job. You can easily see a minimum 25% reduction in overall fuel use with an effective Load Management System as opposed to a single large unit running the job.

For added savings (and where applicable), MMD Hybrid Dual-Fuel units combine the load management functionality of parallel units, with the added fuel savings from a natural gas-diesel hybrid.

Industries

- Mining
- Entertainment
- Oil & Gas
- Critical Operations
- Remediation

To learn more about MMD's Parallel units, or to discuss a technical need, please contact your MMD Representative.



Oil and Gas — Production support power



Entertainment — Mobile television production studio power

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