

integr^el

VS

Regular Generators / Alternators

- Nearly double the output even at low rpm - up to 9kw of electrical power
- Highly efficient & improves engine efficiency
- Completely automatic, no user intervention required
- Minimal maintenance required
- Capability to integrate information sources
- Sophisticated 'Predictive Temperature Control'
- Highly fault-tolerant - under extreme fault conditions, it immediately shuts down and then resumes normal operation, preventing damage.
- Easy to install with minimal risk during installation
- Substantial fuel savings
- System senses all components every 10 microseconds
- Easy to run all your home-comfort appliances and devices at once
- Simple user interface tracks fuel, electrical capacity & system status, including battery life
- Variable speed as required - high level of control

- Less powerful
- Less output capability
- Less efficient
- Does not improve engine efficiency
- User intervention required
- Regular maintenance required
- Cannot add information sources
- Simple cooling system
- Less fault-tolerant - risk of blowing out all diodes, resulting in no power or even damaged electrical system.
- Complex installation with high risk of damage if installed incorrectly
- Slower sensing system
- Limited on appliances and devices you can run
- No user interface
- Fixed speed - lower level of control