



**Engine drives Generator via timing belt connection. Generator output feeds battery bank, battery bank feeds UPS system, UPS feeds appropriate voltage, phase and frequency to loads. As load power changes, battery bank supports excess load or stores excess output until generator can recover.**

# FreeLoader™ AMB

## Ambient Air-Powered

### Refrigerant Engine / Generator

- > **WHAT IF** the hot outside air could give you electricity to support your cooling equipment (and a lot more), and **the hotter it got, the more power you could get?**
- > **WHAT IF** all that electricity **caused NO POLLUTION?** In fact, if you are worried about Global Warming-
- > **WHAT IF,** instead of ADDING to Global Warming, it would help "cool" the surrounding air (a little bit).
- > **WHAT IF it costs less than \$2,000 per kW?**
- > **Welcome to the FreeLoader AMB!**
- > Electricity produced ranges from 0.2 kW per ton of condenser capacity (with 85F air) to 0.4 kW per ton (with 115F air).
- > **100% CO2 and NOx savings.**
- > **When can we ship yours?**