

Energy efficiency re-imagined for tomorrow's heating, cooling and power



InVerde INV-100e+ CHP Module

- 100 kW combined heat & power (CHP)/cogeneration module
- 33% electrical efficiency, Best in Class!
- Backup power with grid-independent operation
- Rapid blackstart for Type 10 emergency power supply Systems (EPSS)
- Superior part load performance with turndown to 10% load
- Ultra-low emissions, NOx/CO are ACAQMD and compliant and NJDEP exempt
- Inverter-based, for streamlined utility interconnection
- Microgrid Compatible with licensed CERTS power balancing control software

TECOHILL Engine-Driven Chillers

- Lowest operating cost of any chiller, cut costs by 50%
- Avoid on-peak electric demands charges and "time of day" rates
- Ideal for application in "hybrid" gas/electric central plants
- Integrated engine and exhaust heat recovery, free waste heat for DHW, space or process heat
- "Green" technology, ultra-low emissions, greenhouse gas reductions, LEED points
- Sizes from 150 to 400 tons
- Reliable, factory service available nationwide



Ilios High Efficiency Water Heater

- 400,000 to 600,000 BTU/hr of hot water for DHW, pool, space or process heating
- Hot water delivery temperature of 100°F to 160°F
- Advanced thermodynamic cycle extracts heat from the environment and uses work from the engine to pump this heat to a higher useful temperature
- Highly efficient with the use of reclaimed engine heat for a COP of 1.2 to 1.8
- Exceeds clean emissions standards throughout the US, including California
- 50% reduction in carbon footprint saving 100 tons of carbon at typical installation
- Ultra-low emissions with near-zero criteria pollutants
- Minimal electrical power requirement compared to household appliance (120V, 15amp)