TriGen
POWER HEAT COOL

POWERPLANT HA65

HEAT/POWER/COOLING/SAVINGS/RESILIENCY

PRODUCT SPECIFICATIONS

Model	**PowerPlant HA65**
Power (kW)	6
Cooling (tons)	5
Electrical Output	
Rated Output (continuous) - Watts @ 25°C (77°F)	6,000
Output Voltage	120/240V - Single Phase OR 208V - Three Phase
Output Frequency (selectable)	50 / 60 Hz
Rated Output (continuous) - Amps @ 25°C (77°F)	25
Surge Capacity 5 Sec. - Watts @ 25°C (77°F)	10,800
Total Harmonic Distortion (THD) at rated power	<5%
Battery Bank Storage	100 Ah @ 48V
Hydronic Heat Output (BTU/h)*	70,004
Electrical Output (BTU/h)	20,472
Fuel Consumption (BTU/h @ LHV)	140,008
Total Energy Potential**	107%
	Electrical Efficiency
	Max Heat Recovery Efficiency
	Total Max CHP Efficiency
Hydronic Parameters	
Outlet Water Temperature (optional)***	Up to 175°F
Power Input	
AC 1 (grid) Max Input Current	60A
Auto Transfer Relay Rating / Transfer Time	60A / 8 ms
AC Input Voltage Limits (bypass / charge mode)	L-N: 78 - 140V (120V nominal)
AC Input Frequency Range (bypass / charge mode)	55 - 65 Hz (default) / 52 - 68 Hz (allowable)
Other	
Engine	Internal Combustion
Fuel Type	Natural Gas / Propane
Fuel Pressure	3 - 14" WC
Maintenance Interval	5,000 hours - Standard oil sump
Sound Level	58 dBA with radiator fan off / 62 dBA with radiator fan on
Communications	Ethernet - Remote system monitoring / Networking
Battery Type	4 x 100 Ah AGM 12V
Dimensions - in. (L x W x H)	71" x 35" x 68"
Weight	1,370 lbs (620 kg)
Warranty	10 Years Parts & Labor*

** Heat output ratings include secondary auxiliary heat exchanger.*

***Total Energy Potential is defined as a combination of CHP (efficiency) and GHP (coefficiency of performance) at full load.*

****Requires auxiliary circulating pump*