



# Renewable CR200 MicroTurbine Performance Specifications<sup>(1)</sup>

## Electrical Performance

Electrical Power Output	200 kW
Voltage	380 to 480 VAC
Electrical Service	3-Phase
Frequency	50/60 Hz
Maximum Output Current	290A, Grid Connect Operation
Electrical Efficiency LHV	33%

## Fuel/Engine Characteristics

CR65 MicroTurbine Type	Landfill Gas	Digester Gas
Raw Natural Gas HHV	350 to 600 BTU/scf	550 to 875 BTU/scf
H <sub>2</sub> S Content	< 400 ppmv	
Inlet Pressure	85 psig	
Fuel Flow LHV	2,100,000 BTU/hr	

## Exhaust Characteristics

Exhaust Gas Flow	2.9 lb/sec (1.3 kg/s)
Exhaust Gas Temperature	527°F (275°C)

## Exhaust Emissions

NO <sub>x</sub> Emissions @ 15% O <sub>2</sub>	<9 ppmvd
NO <sub>x</sub> /Electrical Output	< .5 lb/MWh

## Dimensions & Weight

Width x Depth x Height	114 x 90 x 88 inches
Weight	5,500 lbs (2,500 kg)

## Planned Certifications

Classified UL 2200 and UL 1741 for raw natural gas and biogas operation  
 Meets statewide utility interconnection requirements for California Rule 21 and the New York State Public Service Commission  
 Models available with optional equipment for CE Marking

(1) Nominal full power performance at ISO conditions: 59°F, 14.696 psia, 60% RH  
 Specifications are not warranted and are subject to change without notice.