



RESIDENTIAL FUEL CELL SYSTEM WATT HOME™



About Us

WATT is a leading contributor of ideas and technologies that seeks to develop advanced energy solutions for significant energy matters.

WATT designs, develops and manufactures small-scale Solid Oxide Fuel Cell (SOFC) systems that economically generate clean, reliable power at the point of use.

Why Choose Us



Powering Peace of Mind

WATT provides homes with primary power or uninterrupted power supply options.



Technology Advantage

Non-combustion SOFC technology provides higher efficiency, quieter operation, and lower emissions than generators.



Future Ready

Utilizing the existing residential natural gas infrastructure with the ability to accept up to 20% blended Hydrogen, WATT HOME provides consistent power without compromise.

Features & Benefits

Operations

- High Reliability
- Modular and Scalable
- Natural Gas Operation
- Indoor Operation

Clean Energy Advantage

- Low Emissions
- No NOx or SOx
- Can Integrate with Solar and Energy Storage

Certification, Safety & Connectivity

- FC1 and UL 1741 Certified
- Passive Safety Features
- App Connectivity for Continuous Monitoring with Internet Availability

Contact Us

 724.547.9170

 www.wattfuelcell.com

Product Characteristics

Physical & Environmental

Weight (Fuel Cell)	64 lbs/29 kg
Weight (Interface Pedestal)	146 lbs /66.4 kg
Dimensions (Fuel Cell)	24.6" x 14.1" x 14.7" (62.5 cm x 35.8 cm x 37.3 cm)
Dimensions (Interface Pedestal)	25.3" x 14.4" x 29.4" (64.3 cm x 36.6 cm x 74.7 cm)
Operating Temperature	14°F - 104°F (-10°C - 40°C)
Storage Temperature	-4°F - 167°F (-20°C - 75°C)
Location	Indoor
Humidity	5-95% Non-Condensing
Noise	<50 dBA @ 3 ft

Included Start-up/Transient Battery Capacity

Battery Type	AGM or Li-Ion
Nominal Battery Voltage	48 V
Battery Voltage Range	42-60V
Min. Transient Battery Capacity	55 Ah

Fuel Requirements

Approved Gas Type	>90% Methane <10% Additional Hydrocarbons
Desulfurization	< 1ppm after desulfurization
Gas Supply Pressure	0.5 psi
Nominal Gas Consumption	15.88 ft ³ /hr

Emissions

NOx	0 ppm
SOx	0 ppm

Codes & Standards

ANSI CSA FC-1 and UL 1741 Certified



Today's Innovation
Empowering Your World.