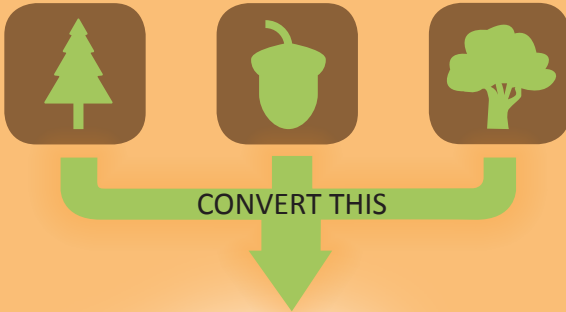




# ALL Power Labs Power Pallet

Renewable, Affordable, Carbon-Neutral Energy for A Developing World

The **Power Pallet** provides energy where and when it's needed, through on-demand biomass gasification, in an integrated package designed to be delivered and operate just about anywhere.



TO THIS



The ALL Power Labs PP20 can generate as much as 20 kW of clean power

Gasification is an old but almost forgotten process of heating biomass - such as wood chips or nut shells - in a controlled low-oxygen environment to release a synthetic gas, comparable to natural gas or propane. Now rediscovered for a developing and climate-sensitive world, gasification is:

**Affordable:** The Power Pallet only costs about \$1.50 per watt. The result? Energy can be as little as \$.10 per kilowatt hour, far less than the cost of diesel.

**Scalable:** The 20kW Power Pallet produces about enough energy for 40 homes in a rural village, and fits in a pickup truck. Need more power? Just connect them together.

**Renewable:** The Power Pallet runs on readily available waste biomass - such as nut shells and wood chips - which are an almost inexhaustible resource. The only "waste" is biochar, a form of stable carbon sequestration that when reintroduced into the environment makes gasification the only source of carbon-negative energy.

**About us:** **ALL Power Labs** designs, engineers, and manufactures our gasification systems in Berkeley, CA. We have delivered over 500 gasifiers to over seventy countries around the world, and to more than 50 universities and research institutions. Our goal is to make energy renewable, affordable and available anywhere.

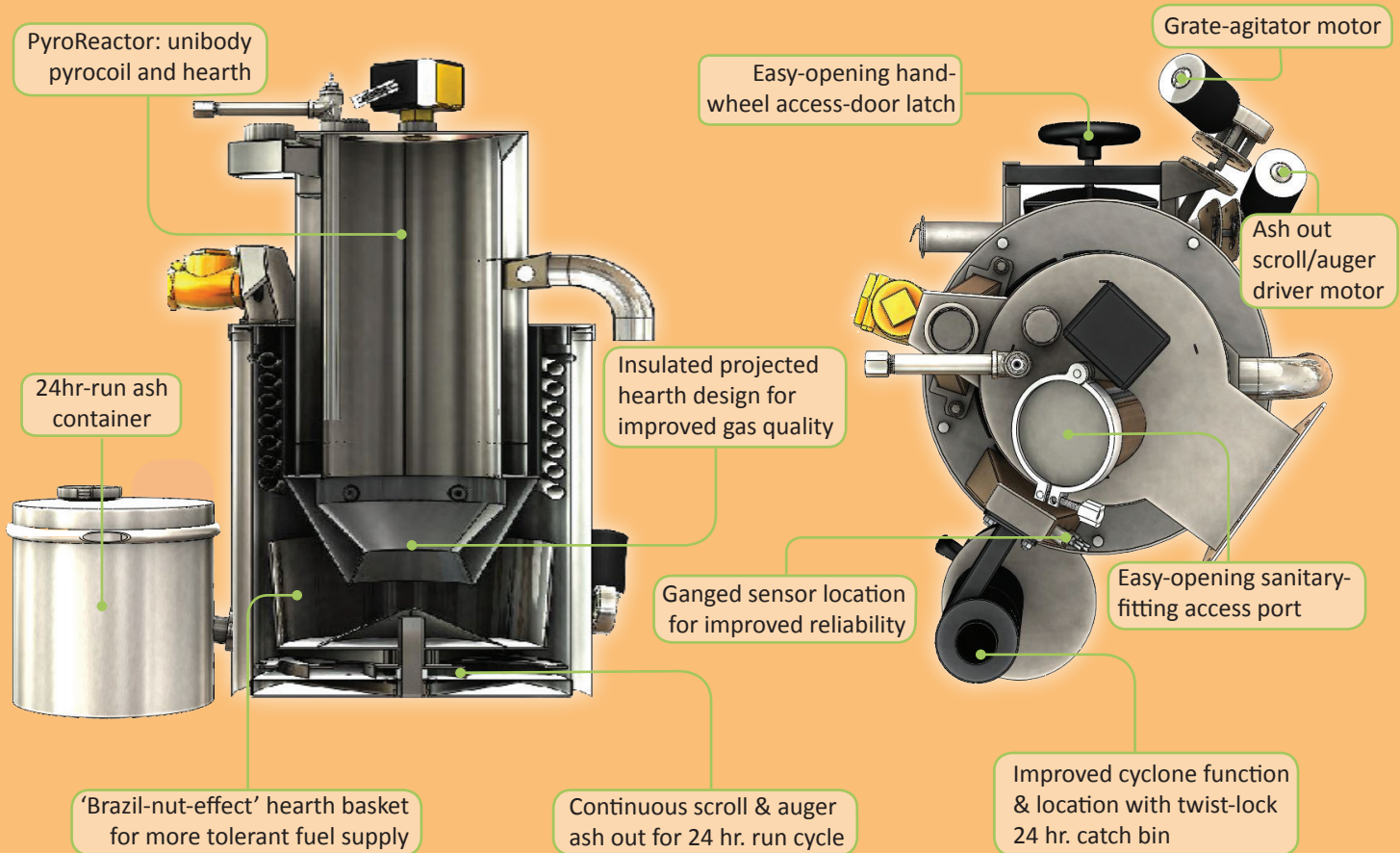


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The new Power Pallet PP20 utilizes the completely redesigned Version 5.0 Gasifier. Extensive improvements over our previous reactors have been integrated into this generational upgrade.

## Major Improvements in Version 5.0



APL's redesigned gasifier has upgraded features in every category resulting in increased ease of operation and maintenance, improved efficiency and fuel-quality tolerance, and improved reliability. Power Pallets can deliver consistent, full-day operation at an affordable price

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