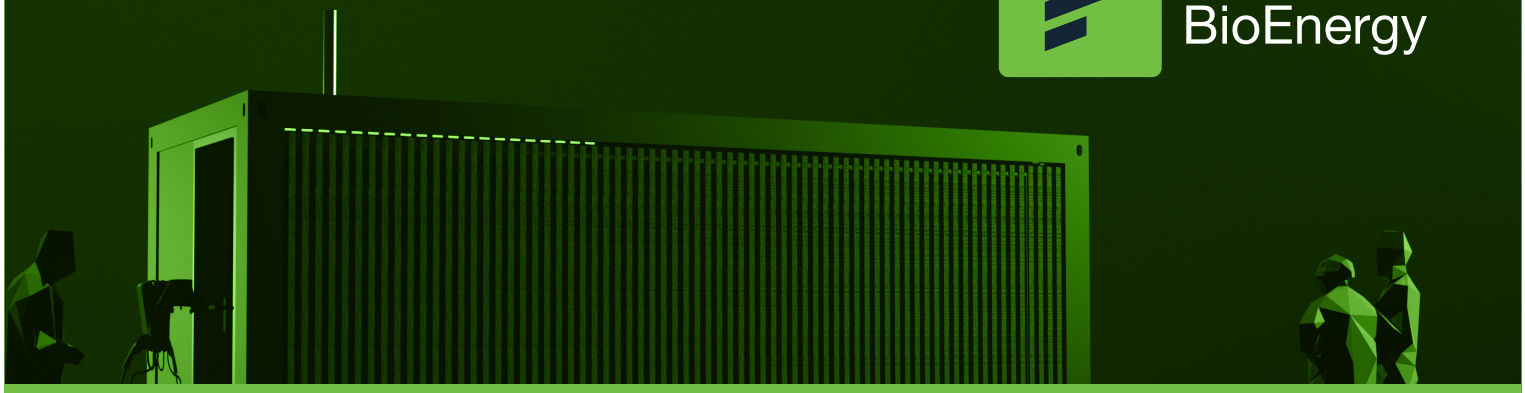
PowerCube

FLOYD
BioEnergy



- Electricity and heat from natural wood pellets
- 2.2 kW electrical and 10 kW thermal output
- High-quality design & technical execution
- Fully automatic turn key solution

FLOYD BioEnergy PowerCube

Convert wood pellets into electricity and heat, through innovative new pellets boiler.

24/7 energy production - 100% self sufficiency - independence from weather, seasons, and solar limitations.

FLOYD BioEnergy PowerCube is a turn key container solution, which combines the following single technologies into one unified solution:

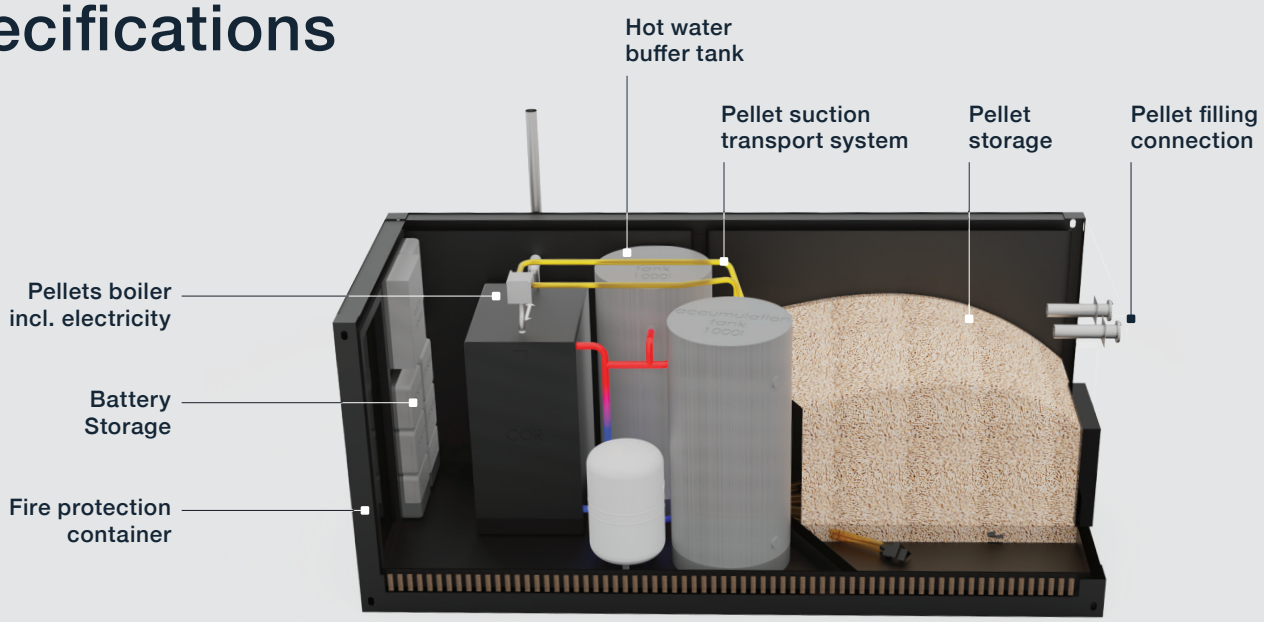
- Heating and warm water system
- Photovoltaic/Solar integration
- Battery storage
- Pellets storage room
- Fire protected building
- EV charger (optional)
- Maintenance-free



Simple to install at any location. No need to modify existing buildings. Island solution and blackout ready.

Capacity for continuous operation over 5-6 months without maintenance or refill of pellets.

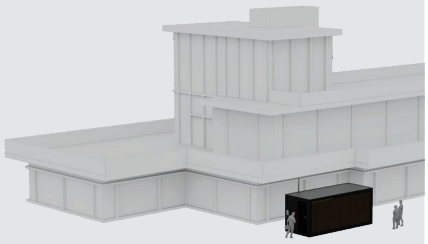
Technical specifications



Electrical rating	2.2 kW
Thermal rating	10 kW
Fuel consumption	60 kg/d
Energy storage	30-70 kWh
Energy charge & discharge rate	11 kW
Thermal storage	2000l = appr 120 kWh
Power reduction	up to 70% possible
Pellets storage	10m3 (5 months at rated power)
Automatic operation at full power	5 months
Electrical & thermal output	24/7
Fire protection	REI60/90
Emission	Silent operation <30dB(A), no ash waste

Independent building heating systems:

- Homes
- Restaurants
- Farms
- Other small buildings



FLOYD BioEnergy PowerCube

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