

Fuel Cell Scooter

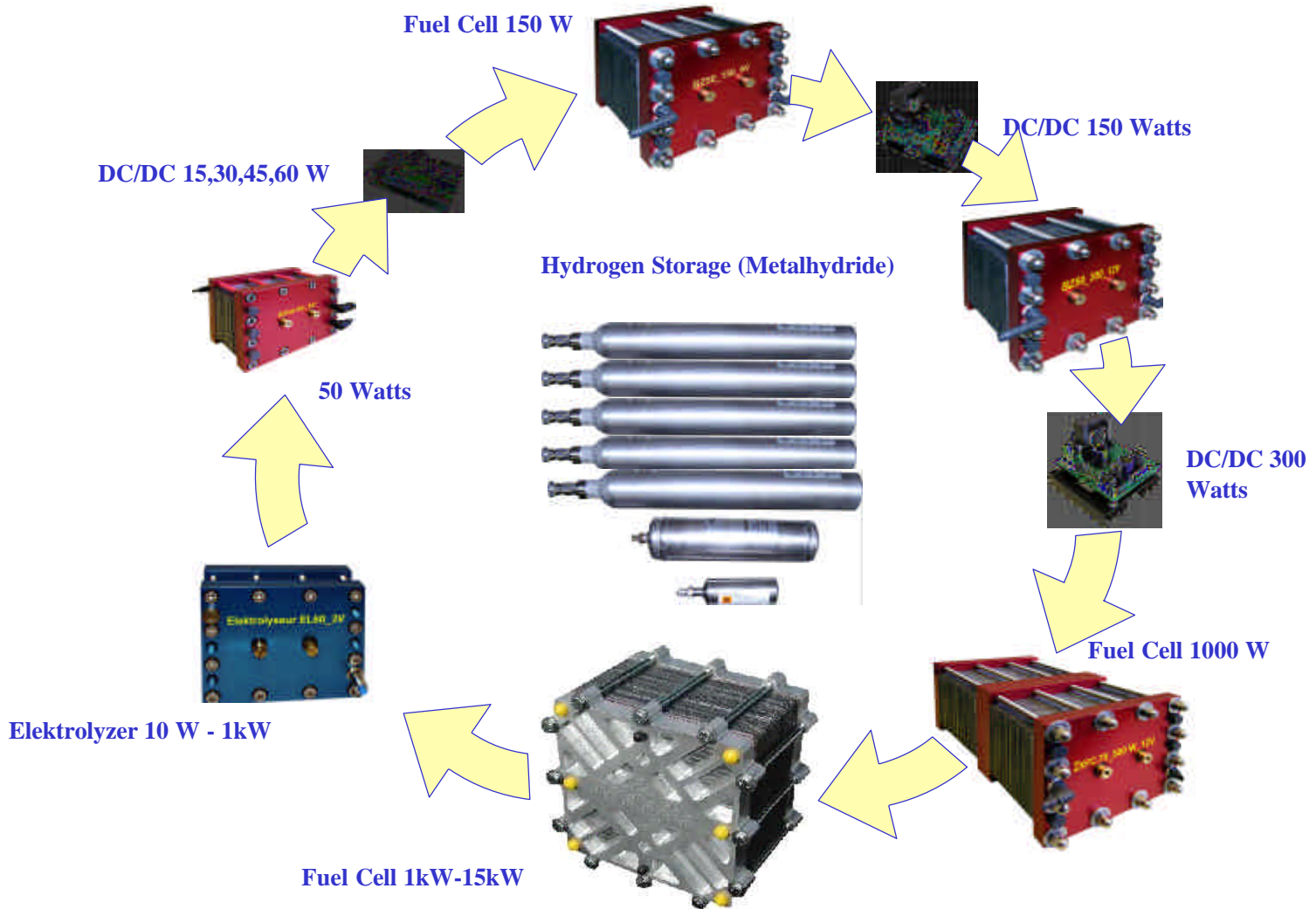


**2x500 Watt, 24 V
Power Fuel Cell**

Fuel Cell Wheel Chair

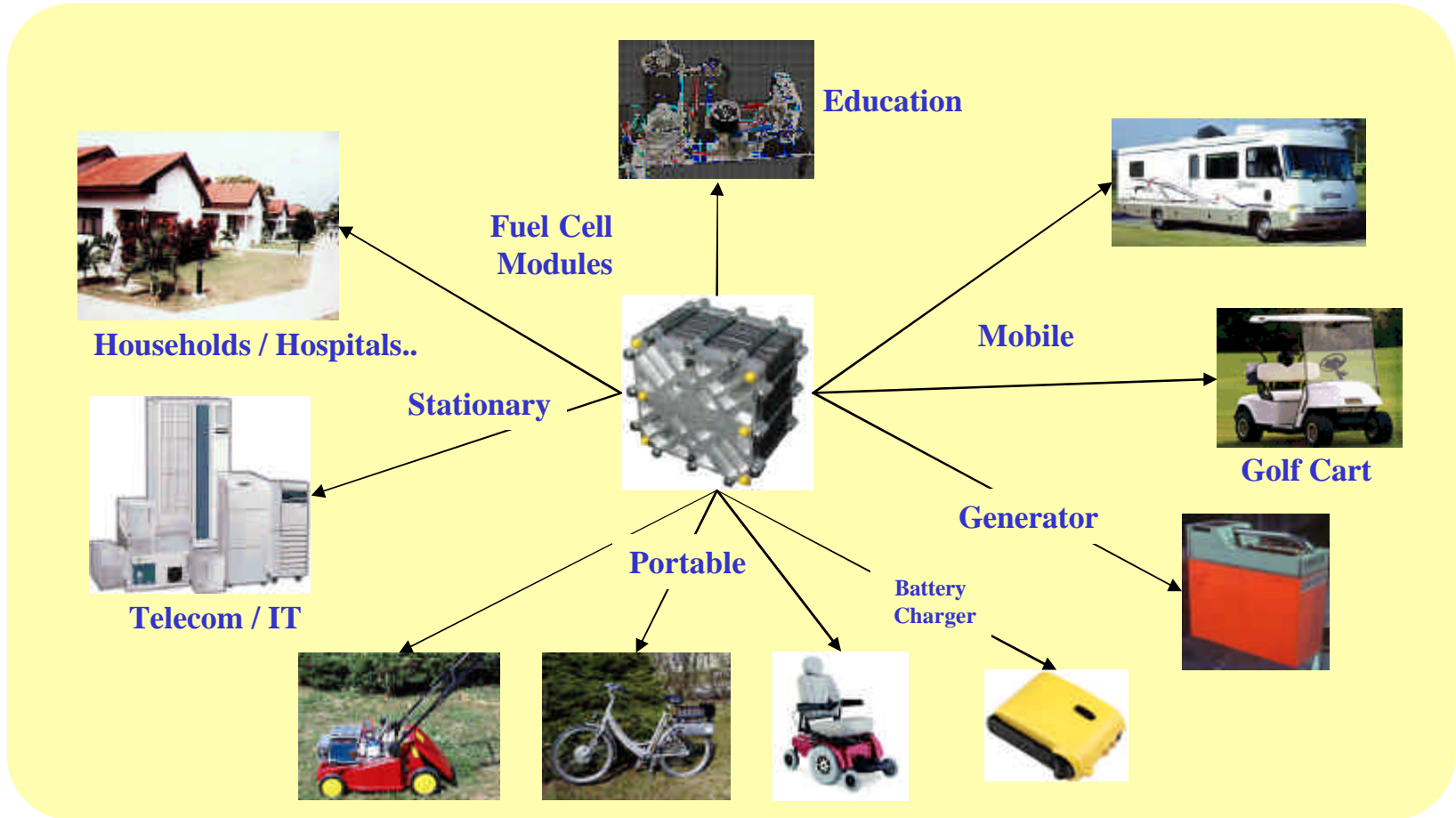


**2x500 Watt, 24 V
Power Fuel Cell**



Applications (Overview)

The fuel cell technology has been developed to meet near-term commercial demand with minimal investment enabling rapid design cycles for new product lines.



Education:

- Fuel Cells
- Elektrolyzers
- H₂- Membrane Compressor
- DC/DC- Converters
- H₂-Storage (Metalhydride)



Mobile and Portable

- **Automotive**
- **Golf Cart**
- **Grass Cutter**
- **Bicycle**
- **Scooter**
- **Wheel Chair**



48 Volts, 150 kW



24 Volts, 1.5 kW



24 Volts, 1 kW



24 Volts, 500 W, Peak 1kW



24 Volts, 1 kW



24 Volts, 150 W

Stationary

- **Power Generator**
- **Telecom/IT**
- **Heater, electrical Power**
- **Hydrogen Generator**
- **Hydrogen Storage**

12 Volts, 100 W, 300 W, 500 W, 1 kW



24 Volts, 1-10 kW



24 Volts, 5-10 kW



1-10 Nm³/h

No picture

1-100 Nm³

Solarpanel, Windgenerator, Waterturbine,etc.:	Engineering
DC/DC- Converter (Up and Down) :	Development & Production
Electrolyzers :	Development & Production
H2- Storage, e.g. Metal- Hydride :	Engineering
Fuel Cells :	Development & Production
Human Interfaces :	Engineering & Production

Portable Products

- * Portable Generator
- * CPS, Video Equipment
- * Bicycle
- * Recreational Vehicles
- * Forklift
- * Gardening
- * Solar Back Up
- * Toys
- * Wheel Chair
- * Golf Cart
- * Scooters
- * Shipyard vehicles
- * Utensils
- * Mining Lights
- * Wind Back Up
- * Shopping Cart

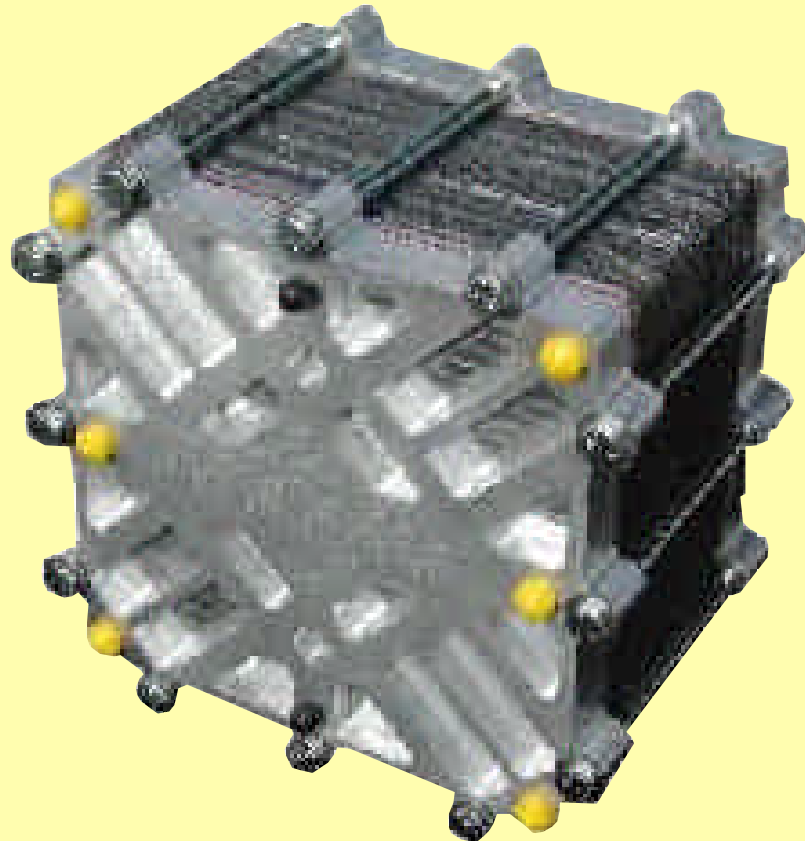
Stationary Products

- * Bungalow Primary Power
- * Residential Primary Power
- * Neighborhood Generator
- * Small Power Plant
- * Medium Power Plant
- * Hospital, Clinic
- * IT, Telecom Premium Power
- * Mobile Trailer Back Up Power

Special Applications

- * Pure Oxygen Production
- * Biomedical Equipment

Fuel Cell Stack (1kW to 15 kW)



„The Mass Manufacturer For Secure and Clean Power“

Fuel Cell Family from 50 Watts up to 1 kW



3 V, 50 W



12 V, 150 W

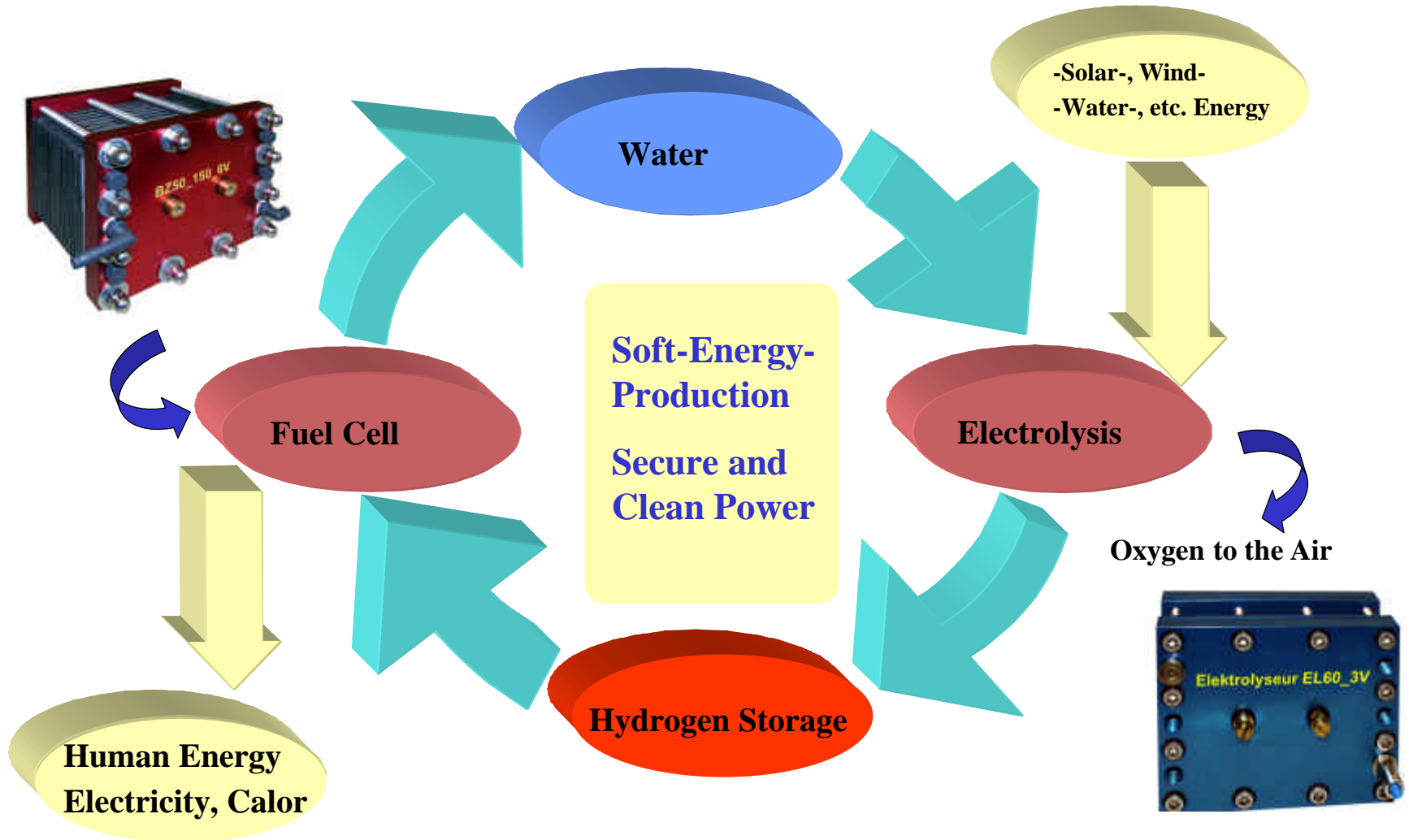


12 V, 300 W

Elektrolyzer 100 Watts to 1 kW



The Circle of Soft Energy Production



„The Mass Manufacturer For Secure and Clean Power“