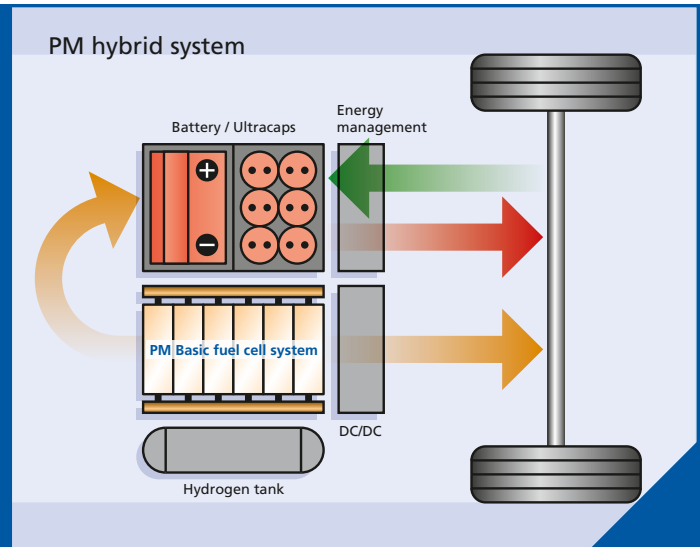


# PM Turnkey

*Customised hybrid power solutions for special OEM requirements*



- From 5 kW up to 300 kW
- Complete hybrid system including modular components for energy storage (batteries/ultracaps), power management, electrical (DC/DC) conversion, cooling, hydrogen storage
- Powered by **PM Basic** fuel cell systems
- Customised integration into vehicle construction



## PM TURNKEY PROJECTS (EXAMPLES)

### Passenger ship

for the Hamburg harbour & Alster area

- > 100 passengers
- 48 kW fuel cell power by *PM Basic A 50* fuel cell system
- Hybrid configuration with batteries
- Autonomy: typically 3 days
- More than 14,000 passengers in one year



- Zero emissions
- Low noise
- No vibrations
- Reduced energy consumption

### Utility vehicle

- Fully electric configuration
- Hybrid configuration with batteries
- Range extender



- Zero emissions
- Low noise
- Optimised electric drive train
- Reduced energy consumption