

Power Control and Accessories System (PCAS)

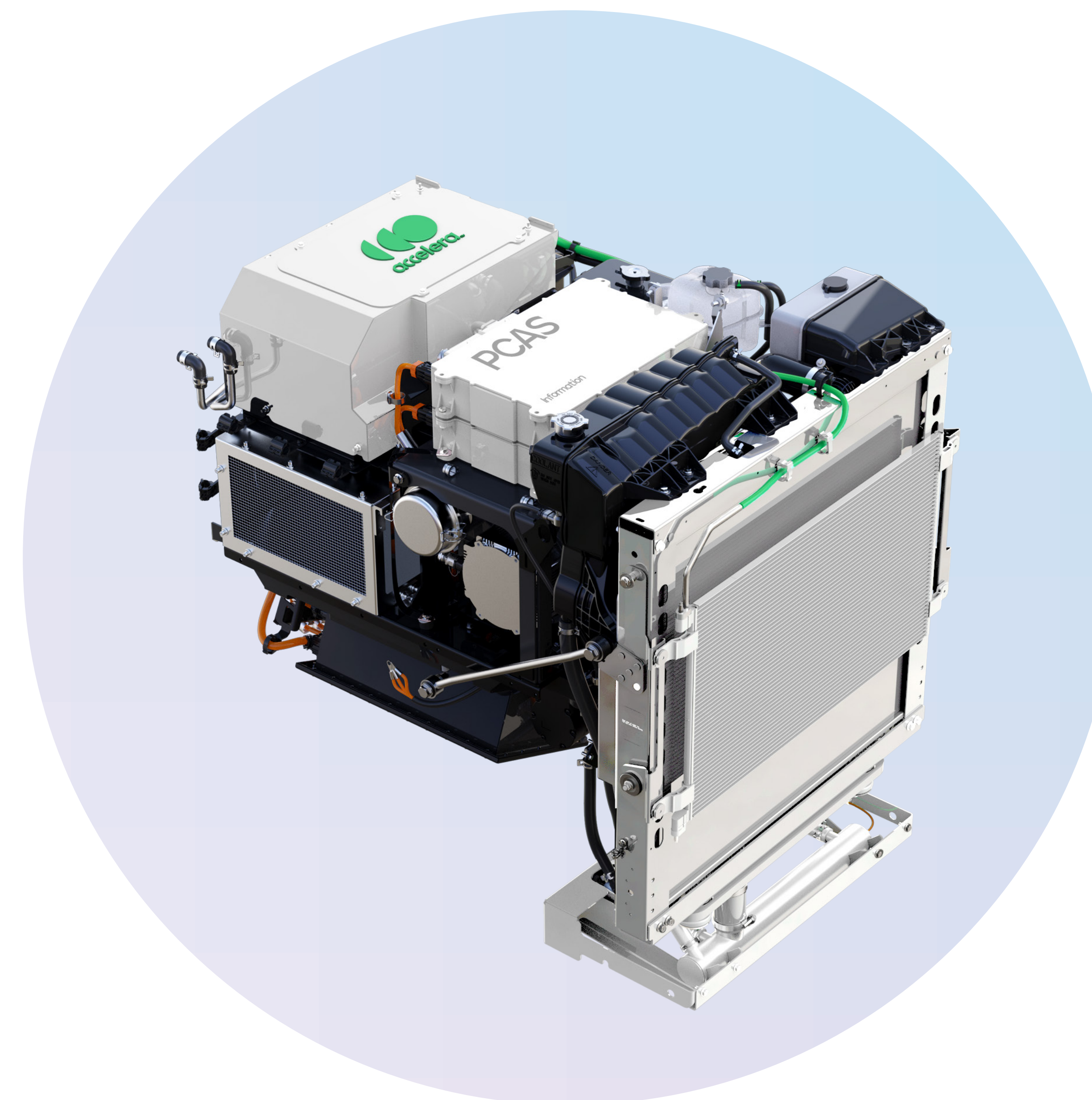
The PCAS is the brain of the entire ePowertrain system, providing power where needed and control of necessary subsystems. The PCAS also allows customization of performance to meet heavy-duty and medium-duty commercial vehicle application requirements for cab over, conventional truck, bus and many other vehicle platforms.

↓ Accessories & Power Electronics

- Brake Air Compressor
- Power Steering Pump
- On-Board Charger
- DC-DC Converter
- AC/DC Inverter

↓ Thermal Management

- Cabin Cooling
- Cabin Heating
- Battery Heating
- Accessories Cooling
- ePowertrain Cooling



- This model is targeted for heavy-duty applications
- Operating Temp: 15°C to +48°C

- Weight 1100 lbs approx.
- IP 67 and IP 6k9k Rated
- ASIL C Compliant*

Control Software (SW) ↓

- Charging Management
- Torque Path Management
- Driver Interface
- Sleep Management
- Accessory Management
- UDS Diagnostic Management

Controls Hardware (HW) ↓

- High Voltage Power Distribution Unit
- Low Voltage Distribution System

