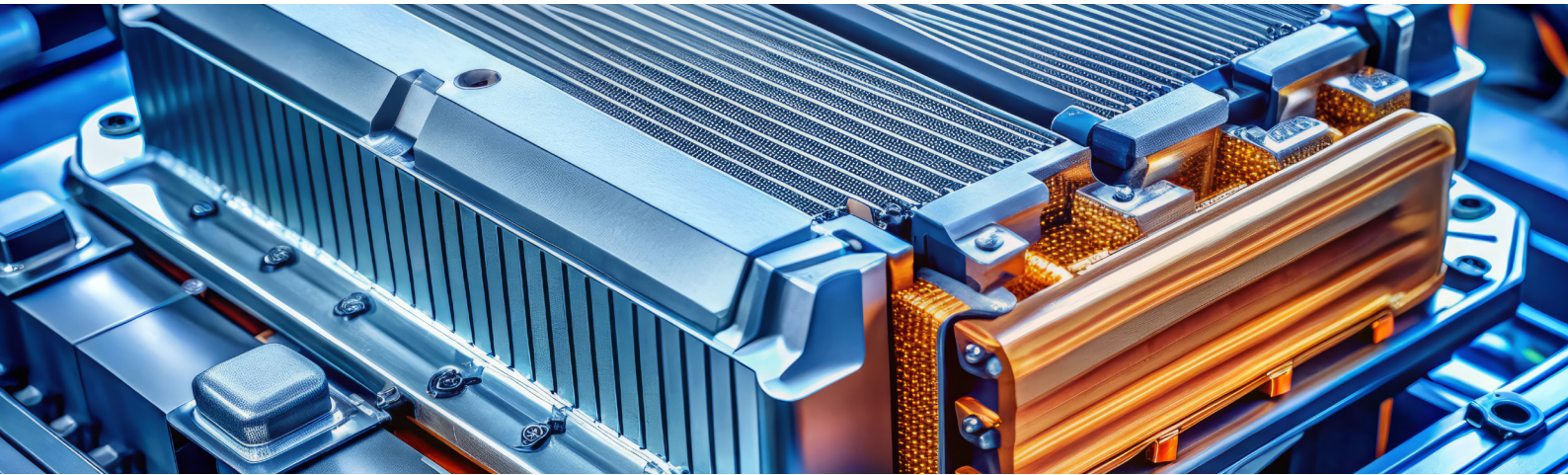
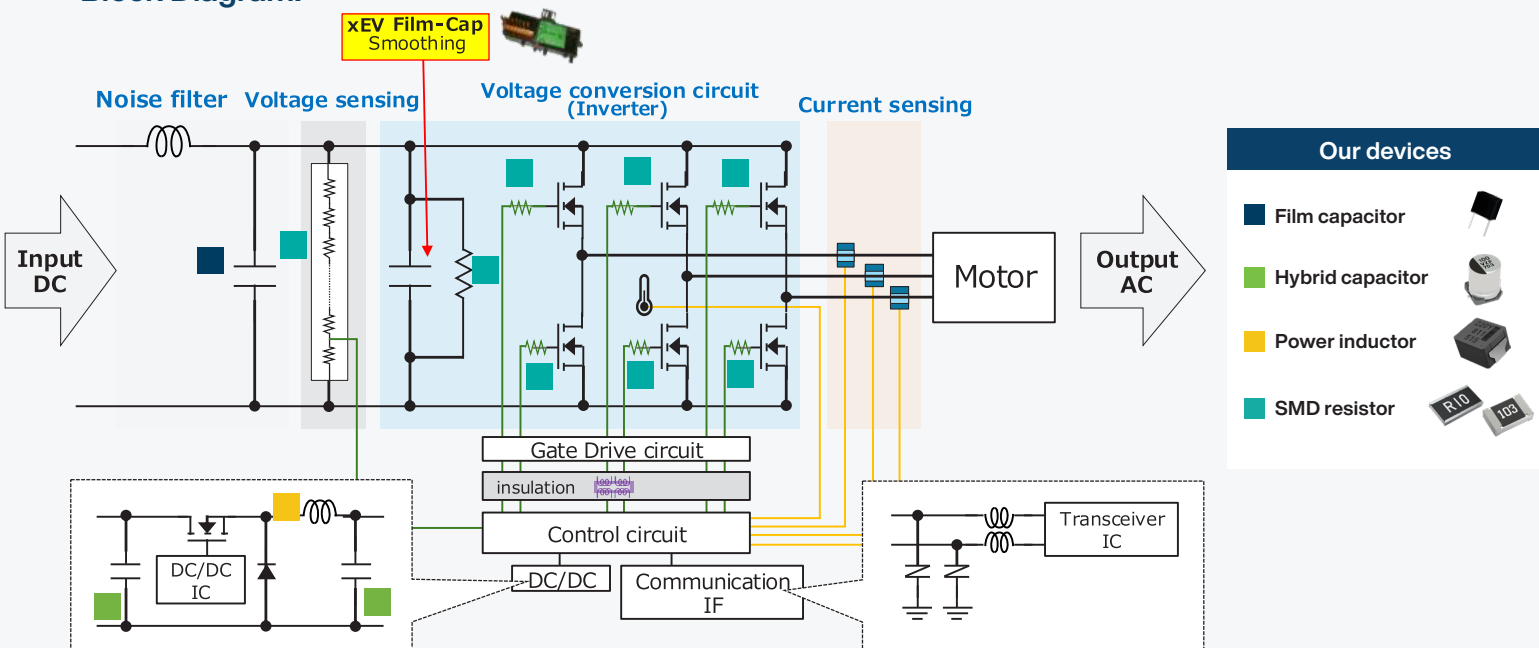




Inverter

An automotive inverter converts DC power from a vehicle's battery into AC power, allowing you to safely operate common household and automotive accessories on the go. It makes it easy to power devices like laptops, tools, and small appliances directly from your vehicle.

Block Diagram:



Design consideration:

- High voltage
- Large current
- Low loss
- Miniaturization
- High heat resistance
- High precision

Recommended product:

Capacitor

- Hybrid capacitors ([ZC](#) / [ZKU](#) / [ZV](#) / [ZL](#))
- Automotive film capacitors ([EZPV](#), [ECWFY](#), [ECWFJ](#), [ECWFG](#))

Power inductor

- Low cost / low profile series ([LE](#) / [LP](#))

Resistor

- High voltage resistors ([ERA8P](#), [ERJPM8](#))
- High power resistors ([ERJB](#) / [ERJP](#))

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