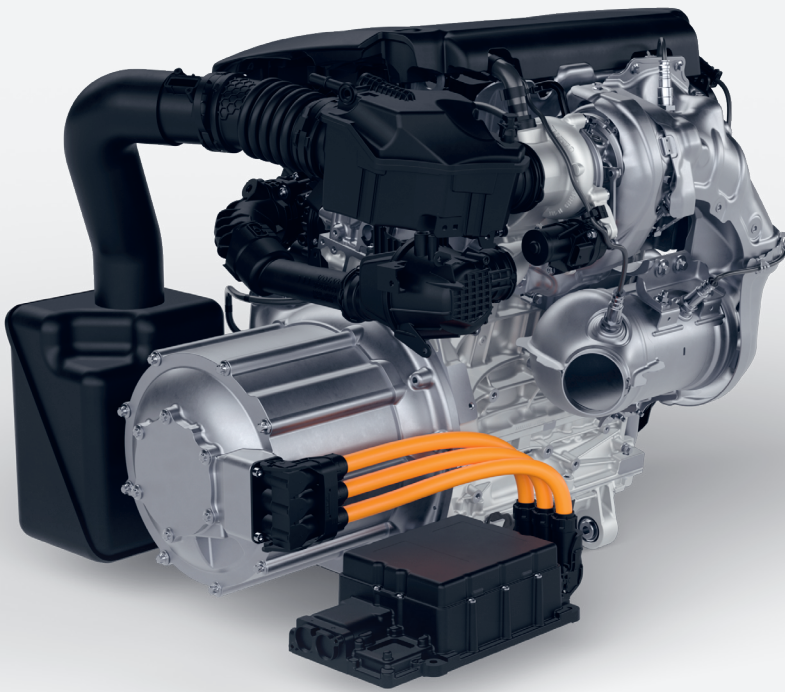


# Aurobay



Power  
Delivery Unit

# Boost the performance of your electric commercial vehicle

The Aurobay Power Delivery Unit is an on-board electric generator created to charge or give the battery an extra power boost whenever and wherever necessary. It extends range and generates longer uptime – ensuring fewer unplanned charging related delays or stops. The Power Delivery Unit enables smaller batteries in the vehicle, lowering both its cost and weight.

- Modular set up: flexibility to get a tailor made solutions based on your packaging, fuel, charge strategy, voltage and power level requirements
- Based on our state-of-the art engine architecture combined with efficient electric generators
- Targeted towards Euro6 with the capability to adapt to other/new regulations
- Designed to provide 45–120 kW continuous power
- Four charging modes: Peak charge mode, Charge sustain mode, Low power charge mode, Standby mode
- Designed for stand-alone operation, only requiring the input of desired charging power
- Our Spark Ignition engines are set to run on high alcohol-blend petrol as well as 100% Ethanol or Methanol (based on the application)
- Our Compression Ignition engines are built to operate on both EN590 diesel and HVO
- Prepared for fuels with a renewable content beyond the reduction obligation

# Power Delivery Unit

## Entry Level Product Offer

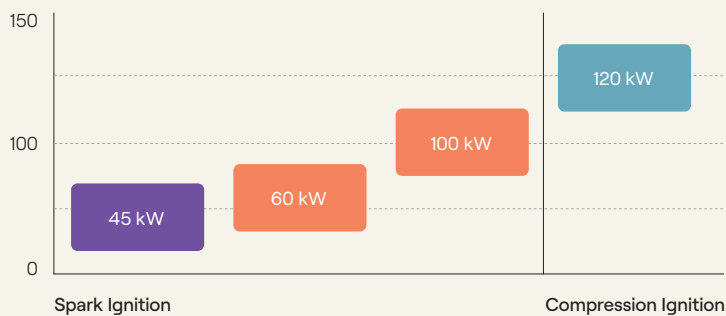
● 400/800V

● 400V

● 800V

The product range has four versions to help increase reliability and efficiency for different vehicles and scenarios.

Cont. Power (kW)



PDU version	45 kW	60 kW	100 kW	120 kW
<b>Market Region</b>	Global	Global	Global	Global
<b>Fuel type</b>	Petrol	Petrol	Petrol	Diesel
<b>Alternative Fuel</b>	Methanol/Ethanol	Methanol/Ethanol	Methanol/Ethanol	HVO100
<b>Base Fuel Introduction</b>	SOP '26	SOP '25	SOP '25	SOP '26
<b>Hybrid Nominal Voltage</b>	400/800V	400V	400V	800V
<b>EM Peak Continuous</b>	45 kW	60 kW	100 kW	120 kW
<b>EM Type</b>	PMSM	PMSM	PMSM	PMSM
<b>Charge Mode Strategy</b>	4 stage	4 stage	4 stage	4 stage
<b>Weight w/o Frame</b>	125–135 kg	170–180 kg	175–185 kg	<190–205 kg
<b>Frame dimensions ~ L×W×H (entry level)</b>	740×270×500 mm (encapsulation)	850×780×710 mm	850×780×710 mm	830×800×670 mm
<b>Installation</b>	Flexible	Frame	Frame	Frame

# Our solutions and services

- End-to-end powertrain partnerships
- Contract and component manufacturing
- Analysis and verification
- Tailored engineering services

Let's develop and manufacture your next generation of powertrains.

Get in touch.

# Aurobay

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