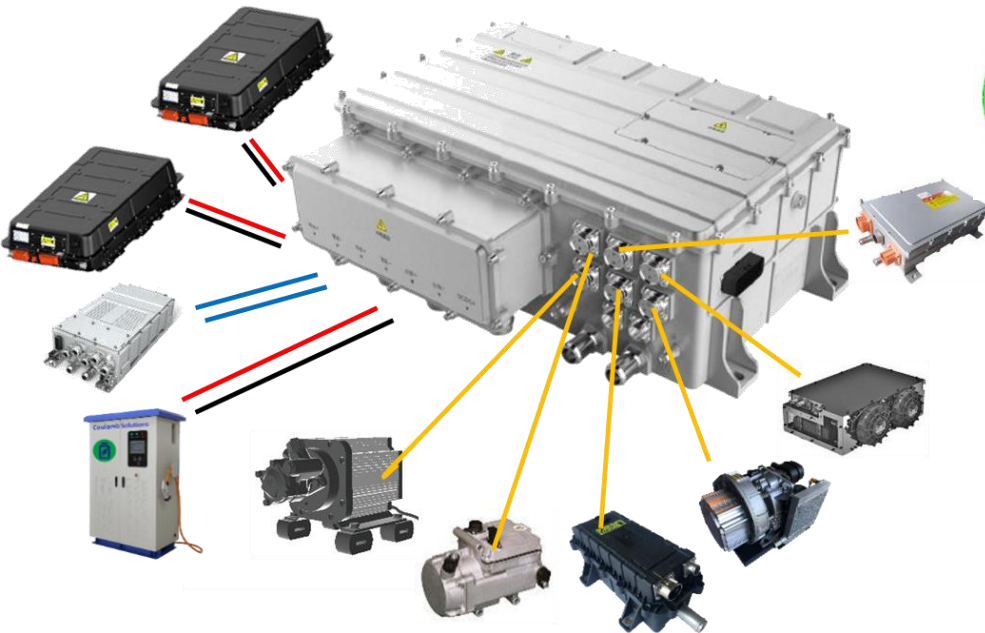


Power Distribution Unit + (ePDU-0006)

EV Electronics in a Single Integrated Unit



**Proven in Thousands
of Commercial EVs**



- Includes Accessory Inverters, DCDC converters, & chargers
- Simplifies cooling in one unit
- Eliminates roughly 50% of high voltage and low voltage wiring
- Only 64 lbs. Saves over 100lbs vs separate units
- Lower cost by nearly \$1000 than separate units
- Lower integration cost and labor

GENERAL SPECIFICATIONS

Included in PDU

- 2.5kW DCDC Converter
- 5.5kW Steering Accessory Drive
- 5.5kW Braking Accessory Drive
- Main Contactors
- Precharge Contactor/Resistor
- All Fusing

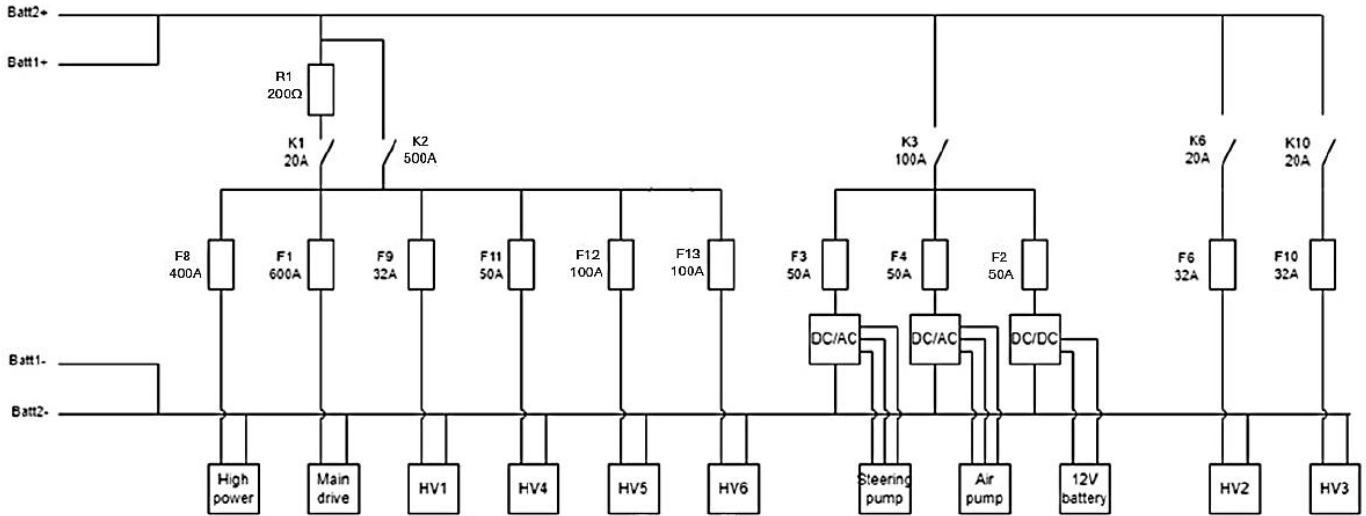
Inputs

- 2 Battery String Inputs
- DC Fast Charge Input

Outputs

- 1 Drive Inverter Outputs (600V)
- 3Phase outputs from integral Inverters for steering pump and air compressor
- 600VDC to AC Compressor
- 600VDC to Heater
- 600VDC High Power PTO Output
- 600VDC to other Accessories (2)
- 12V out from integral DCDC

Power Distribution Unit + (ePDU-0006)



CONNECTORS

High Power Battery DC Connections – M32 Lugs
 High Power Inverter DC Connection – M36 Lugs
 High Power Accessory/Fast Charge – Powerlok 300

Low Power DC – Amphenol HVG1P402MC Series
 Low Power AC – Amphenol HVG1P403MC Series
 12V Output – M32 Lugs
 Communication - GE01-P008-35NNB-Y01

Water Prevention Valve

