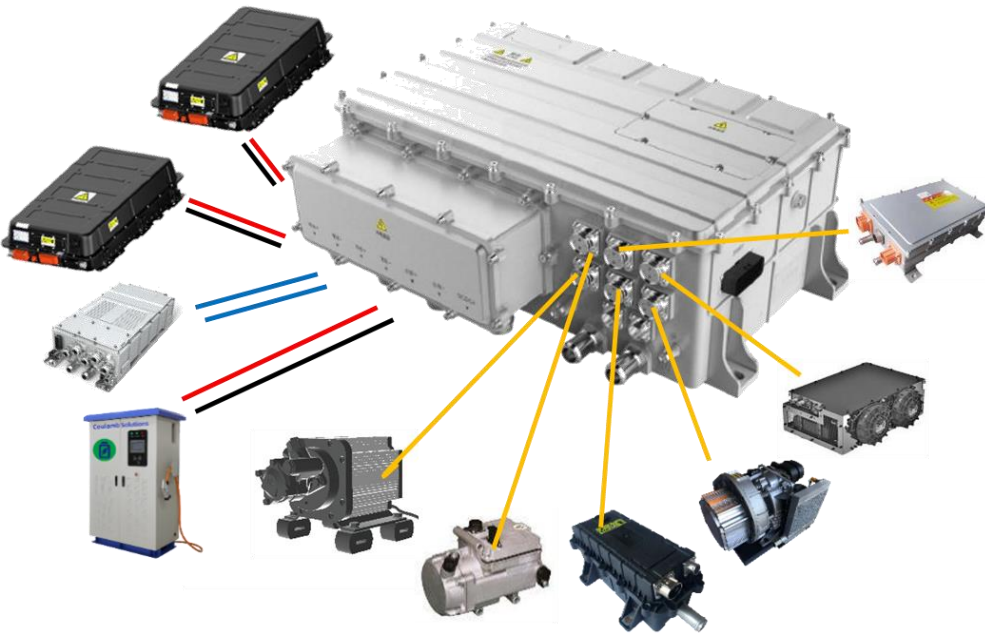


Power Distribution Unit + (ePDU-004)

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 61.6 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

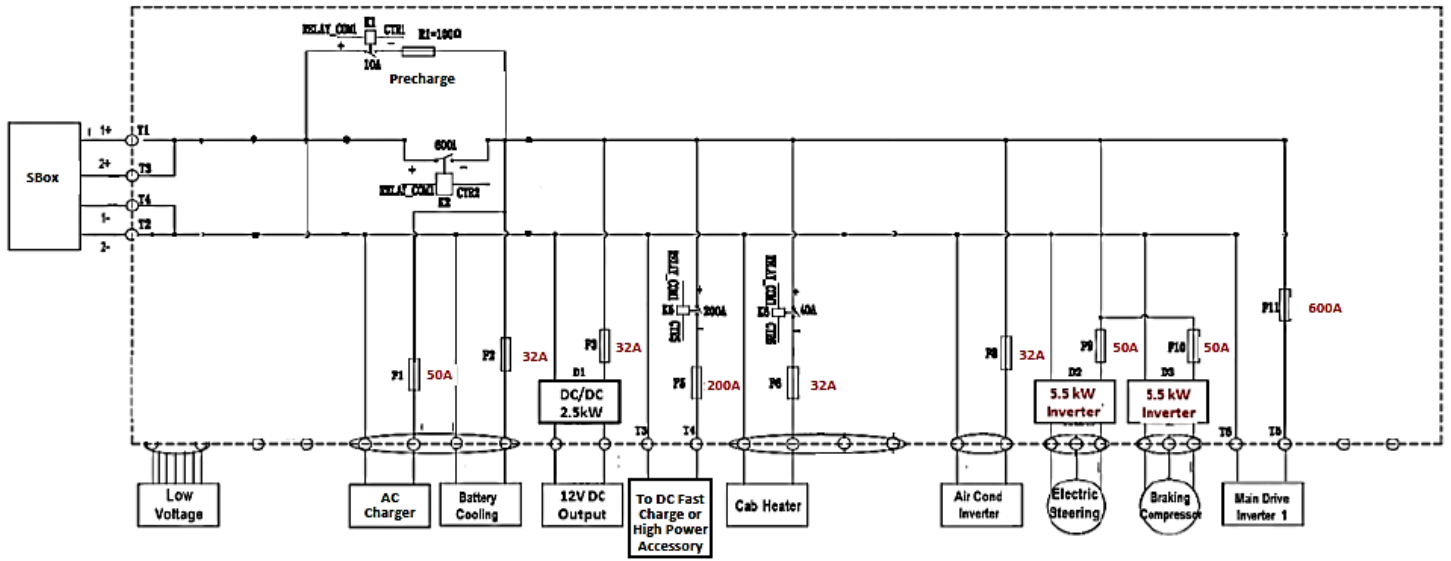
Inputs

- ◆ 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

ePDU-004



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

