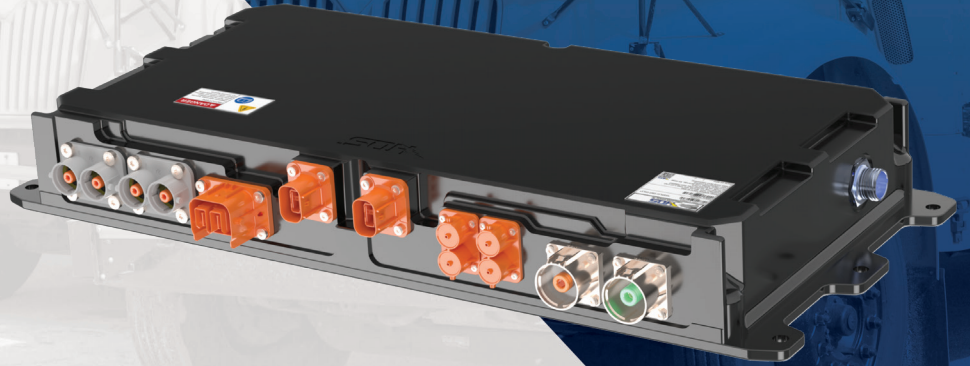




High Voltage Distribution Systems

Redefining Energy Transfer.

Energy transfer redefined with high voltage distribution systems that ensure efficient, reliable power flow, enhancing performance and safety across demanding applications. Maximize efficiency and control.



Smart HV Junction Boxes



Manual Service Disconnect (MSD)



Advanced Engineering & Manufacturing

Rugged Designs, Built to Perform.

- Customized Distribution Systems
- Low and High Power
- Low and High Voltage
- "Smart" and Analog Control
- Solid State Pre-Charge
- Customized Sensing Systems
- Industry Standard Connection Systems
- Flexible Mounting Configurations
- V2G / V2X Bi-directional Charging



Engineered & Assembled In The USA Since 2004.

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www.hds.us



Unlock the Potential of Efficient Power Management

Streamline Your Energy Flow with Advanced High Voltage Distribution Systems

Designed to optimize power management, reduce energy loss, and enhance the reliability of your critical operations. Provides efficient, seamless energy transfer across transportation, industrial, renewable, and grid applications, while maximizing performance and safety.



Specifications

Engineered & Assembled
In The USA Since 2004.



PERFORMANCE

- High Vibration & Shock Resistance
- 12-1000 VDC
- 5kW - 1MW+
- Multiple Battery Inputs
- Intelligent Control
- Integrated Diagnostics
- >2000V Isolation
- Industry-standard Connection Systems
- Field Software Updates Via UDS

SAFETY

- Internal Fusing
- CAN 2.0B
- Current Sensing
- Voltage Sensing
- Temperature Sensing
- Integrated Safety & HVIL
- Solid State Pre-Charge

ENVIRONMENTAL

- -40°C to +85°C Operation
- Environmentally Sealed (IP 67 / IP69k)



Headquarters: Troy, MI | Manufacturing: Madison Heights, MI

For more Information: Contact sales@hds.us
or Call +1.248.298.3400



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