



## CUSTOMER STORIES

### AS EVS MOVE INTO BIGGER APPLICATIONS, SENSING PERFORMANCE MUST SCALE-UP TOO—(ALONG WITH STRONG VALUE & STEADY SUPPLY)



**Our extensive line of high-current solutions is supporting the growing need for higher current levels, increased battery capacities, and faster/remote charging**

#### CHALLENGE

*The electrification of larger vehicles for mining, agriculture, commercial trucking, earth-moving, and more are putting new demands on components for capacity, durability, longevity, operating conditions and accuracy. Fast-charge and remote applications—along with on-board power for AC and DC (48V) auxiliary features—are just some of the complex challenges that defeat older technologies.*

#### SOLUTION

Isabellenhütte is supplying next-gen OEMs with sensing solutions in a variety of analog and digital formats that feature wide current capabilities (100-2500A), accuracy within 0.4% of reading, extensive temperature ranges (-85°F to 335°F / -65°C to 170°C) and several interface options (e.g. LVDS, CAN 2.0, ratiometric, etc.) For major programs we are even able to customize components—such as incorporating optional temperature compensation features with printed values on the label for ease of calibration. Our global supply chain and collaborative service teams have proven themselves under extreme circumstances as well.

#### APPLICATION

Earth-moving and Heavy Construction Vehicles, Mining Vehicles, Agricultural Vehicles/Combines, Military Vehicles/Systems, Commercial Trucking/Refrigerated Logistics, Public Transportation/School Buses