ANDROMEDA
INTERFACES, INC.

ORIONBMS
ORIONBMS.COM

BATT %
79

-89

CELL TEMP
MIN   MAX
37   56

VOLTAGE
HIGH
187

CELL VOLTAGE
MIN   MAX
3   4

INTELLI–GAUGE

Our compact drop-in display easily centralizes all your equipment's critcal data. The device can withstand harsh environments to support a variety of applications.

- CAN 2.0B, 2500-VRMS Isolation
- IP 67 Rated Enclosure
- 4.2" High Bright, 16-Bit LCD
- Digital and Analog I/O

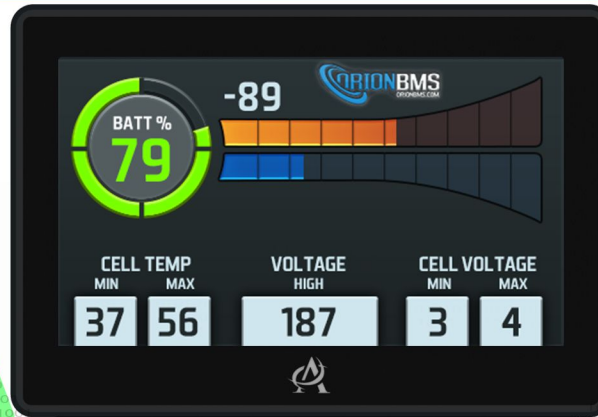*Ground Support Equipment*

Marine

Utility Vehicles

Industrial

INTELI·GAUGE

Easily configure User Interface.

Quickly connect to view real-time battery pack data.

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CELL TEMP — MIN 37 MAX 56
VOLTAGE — HIGH 187
CELL VOLTAGE — MIN 3 MAX 4

Out of the box official BMS monitor and data logger. Fully compatible with the Orion BMS Standard and Jr.

Orion BMS
www.orionbms.com

INTERFACE DETAILS

- To display battery data on the Intelli-Gauge from the Orion BMS (standard or Jr.) all you need is provide 12V power and wire the display to the CAN bus network.

- Now you will be able to monitor your battery pack data in real-time.

- Because Intelli-Gauge is CAN 2.0b enabled it can also display data from other critical system components.

- To better understand your system's performance, Intelli-Gauge also offers data logging.

BATTERY DATA

- State of Charge (SOC)
- Amperage: Charge/Discharge
- Cell Temps: Max/Min
- Pack Voltage
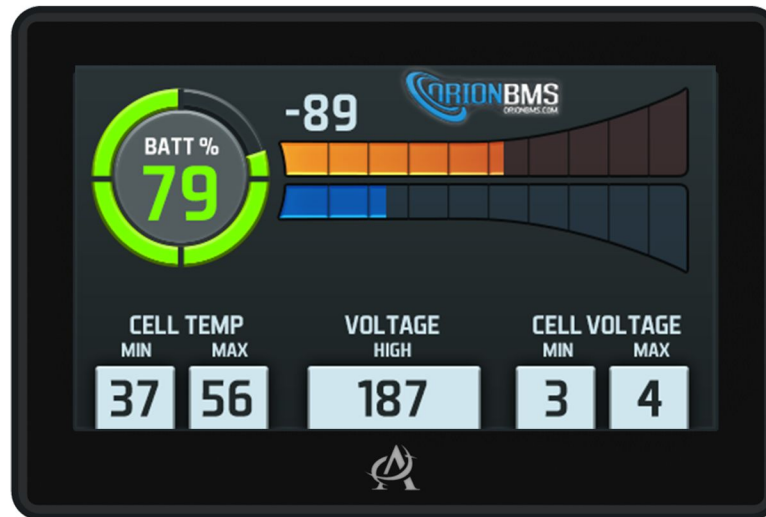- Cell Voltage Max/Min
- Fault Codes

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MOTOR & CONTROLER DATA

- Motor Speed
- Vehicle Speed
- Odometer
- Amperage: Charge/Discharge
- Motor Temp
- Controller Temp
- Drive Mode

COMPONENT CAPATIBILITY

- Sevcon Gen4
- Curtis AC1238/AC1239 v.5.14+
- Rinehart PMxx

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CELL TEMP		VOLTAGE	CELL VOLTAGE	
MIN	MAX	HIGH	MIN	MAX
37	56	187	3	4

THE I-G ADVANTAGE

Built-in CAN based communication interfaces to support a variety of electric vehicle sub-systems:

- **Motor Controllers**
- **Battery Chargers**
- **Battery Management Systems**

- Skinnable graphic interface provides flexibility in visually representing complex data

- Hardware platform provides expanded I/O capability and flexibility with digital inputs / outputs and 12-bit ADC channels

More Information Available: AI-HMI.COM
Tel: 877-332-6055

DIMENSIONS

*ENCLOSURE

- Anodized Aluminum Enclosure
- IP67 Rated
- (2X) M5 rear mounting points

- Height: 3.2 in (81 mm)
- Width: 4.6 in (117 mm)
- Depth: 1.5 in (3.8 cm)

*3D CAD files available by request.

SPECIFICATIONS

Electrical

- 9-36VDC input with reverse protection
- CAN 2.0B 2500-VRMS Isolation (ISO1050DUB)

LCD Display

- Pixel Format: 480(W) x 272(H) x RGB
- Diagonal Size: 4.2 in (10.68 cm)
- High Brightness w/Dimming Feature

BENEFITS

Graphics/Software Customization:

- Custom Boot Screen and Logos
- Studio Interface Kit (SIK) utility tool
- Software Development Kit (SDK) (available upon request)

System Diagnostics:

- Can display active and historical faults
- Displays I/O from motor and vehicle components

Interface Certified
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