

# HV2

DC Voltage Sensor Datasheet



Accuenergy's HV2 Voltage Hall Effect voltage sensor is engineered to measure in high DC voltage in applications where voltages exceed 1000V. With high precision, 0.5% accuracy, the HV2 is an ideal high voltage sensor for single or three-phase inverters, battery charging applications, railway projects, and more.

## Features

- Excellent accuracy and good linearity
- Designed for high immunity to external sources of interference
- Wide frequency bandwidth accommodates a variety of applications
- Maintains high performance across a wide temperature range



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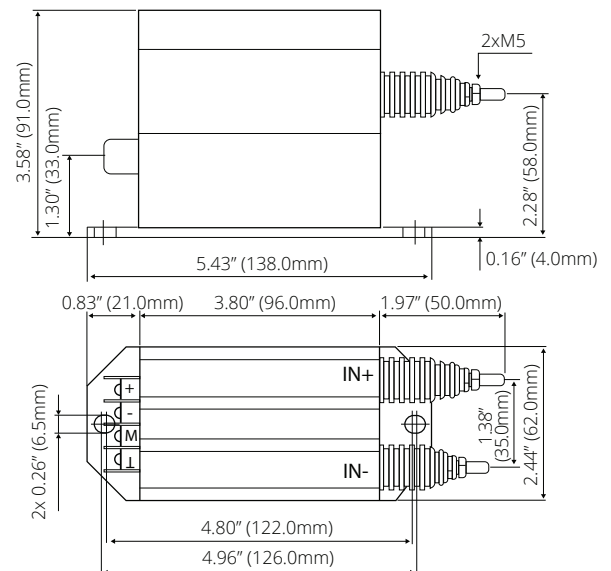
Revision Date: Sep 2021 Version: 1.0.0  
 Specs Subject To Change Without Notice.



## Specifications

	HV2-1000, HV2-1200, HV2-1500
<b>RATED VOLTAGE</b>	1000V, 1200V, 1500V
Voltage Range	10-120% of rated voltage
Output	0-5Vdc
Accuracy	0.50%
<b>MECHANICAL/ENVIRONMENTAL</b>	
Form Factor	Surface Mount
Exterior Dimensions	167.0mm x 62.0mm x 91.0mm 6.57" x 2.44" x 3.58"
Case Material	UL 94V-0
Operating Temperature	-45°C to 85°C / -49°F to 185°F
Storage Temperature	-50°C to 90°C / -58°F to 194°F
Operating Humidity	Non-condensing, 0 to 95% RH
Installation Conditions	Indoor Use
<b>ELECTRICAL</b>	
Polarity	Terminal Connection
Phase Orientation	Follow markings on connector
Frequency Range	DC
Power Supply	±15V
<b>SAFETY/COMPLIANCE</b>	
Certifications	RoHS

## Dimensions



## Ordering Information

	Model	Rated Input	Rated Output
<b>Ordering Number</b>		-	:
<b>Ordering Example</b>	<b>HV2</b>	<b>- 1000</b>	<b>: A3</b>
		1000:1000V	A3: 0-5V
		1200: 1200V	
		1500:1500V	