



samlexamerica®

# BW-03



## Battery Watch

Model  
BW-03  
6 VDC  
to 31 VDC

### Design Features

- Multiple battery monitoring using advanced micro-controller
- Auto 12V / 24V detection
- Digital display
- Programmable alarm thresholds
- Very low power consumption / Power Saving Mode
- Splash resistant top
- Easy to install / shallow mounting depth

2 YEAR WARRANTY 

<b>MODEL NO.</b>	<b>BW-03</b>
<b>BATTERY VOLTAGE</b>	12V / 24V NOMINAL (6 VDC to 31 VDC); Auto-sensing
<b>DISPLAY</b>	3 Digit, 7 Segment LED Display, Accuracy: 0.1V
<b>CURRENT CONSUMPTION</b>	Display ON: 20mA Display OFF: 8mA Power Save Mode: < 0.1mA
<b>PROGRAMMABLE VOLTAGE SETTINGS FOR ALARM</b>	<b>UNDER VOLTAGE</b> 12V (24V): 10.5V to 12.0V (21.0V to 24.0V), Default: 10.8V (21.6V) <b>OVER VOLTAGE</b> 12V (24V): 10.5V to 12.0V (29.2V to 23.8V), Default: 14.8V (29.6V)
<b>ALARM OUTPUT</b>	Open Drain, 500 mA maximum. Switches to (-) of battery when alarm is activated.
<b>INPUT CONNECTIONS</b>	Terminal Block: Tubular Hole with set screw
<b>CONNECTING WIRE SIZE / FUSE RATING</b>	AWG #18 to 20 or 0.75 mm <sup>2</sup> / 32V, 0.5A
<b>DIMENSIONS</b>	Height/Diameter - 60 mm Depth - 20 mm Diameter of Mounting Hole - 55 mm Mounting Depth - 18 mm
<b>WEIGHT</b>	200 g
<b>MATERIALS</b>	Housing: Anodized Aluminum Top Label: Polycarbonate
<b>CERTIFICATIONS</b>	CE Marked; RoHS Compliant