

## EKYRAIL Enterprises Inc.

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Revision C

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Subject: ELECTRONIC BELL (EKYBELL)

### SPECIFICATIONS

The Ekybell dimensions and specifications:

<b>Height</b>	10.94 inches/27.78cm
<b>Width</b>	6.5 inches/16.51 cm
<b>Weight</b>	13.9 lbs./6.3 Kilos
<b>Power Input</b>	50Vdc to 85Vdc
<b>Inrush current</b>	1 amp at 74Vdc for 100µs
<b>Running current</b>	200ma at 74Vdc
<b>DB sound output</b>	360° 85 dB min
<b>Connection type</b>	Standard 2 pin bayonet type
<b>Sound type</b>	Standard locomotive Bell
<b>Rings per minute</b>	Settable to customer needs Default is 100 rings minute
<b>Operating temp</b>	-50 °C to +75 °C / -58 °F to +167 °F
<b>Construction</b>	Cast aluminum
<b>Order P/N:</b>	1020001800

The advanced engineering used for this design and the careful choice of the electronic components, allows this Bell to outperform the competition by being able to operate in extreme conditions. The Ekybell will work at 75 °C or 167 °F and can transitioned to extreme cold -50 °C or -58 °F without missing a beat.

The initial start current of this Bell was carefully studied, to protect the relay contacts from excessive inrush current.

Unlike other E-bells which can have up to 40 amps of initial inrush current which often damages the 10 amps contact.

The Ekybell's inrush is 1 amp max and will not exceed 200ma while running. The Ekybell's highly efficient design will greatly reduce relay failure.

### Electronic Bell

The advanced design engineering allows this bell to operate in extreme conditions



### THE NEW EKYRAIL HIGH PERFORMANCE TROUBLE-FREE ELECTRONIC BELL

Over the years, electronic bells have gradually replaced the original air operated bell for many reasons, cost, reliability along with low to no maintenance needed. The Electronic Bells for the most part, provide 85 dB of sound at 50 feet over a 360° range.

We at Ekyrail are proud to announce that the Ekybell meets and exceeds the 85 dB requirement. The Ekybell is also the most compact and lightweight Bell on the market, robust in design making it railway worthy.