



## BEL Specification Emergency Light Series

Approvals:  
CSA Certified to  
C22.2 #14



## Description

The ELS BEL series is designed to provide dependable and efficient emergency lighting in a modern, low profile design. The BEL utilizes a sturdy, all steel housing that facilitates quick and simple installation. The BEL is available in 6V, 12V and 24V versions and will provide up to 360W of emergency power for 30 minutes duration. A variety of heads and lamp combinations can be fitted to either the top, sides or front of the unit, providing great flexibility in meeting specific lighting requirements. Large magnum terminals allow for the connection of various remote load(s).

## Features

The BEL unit is a completely self-contained emergency light, made for use on 120 or 347 volt circuits. A maintenance free, sealed lead acid battery is included with the unit, which will provide the specified wattage for 30 minutes duration. A universal key hole mounting

pattern is stamped into the back of the unit as well as conduit knockouts. White finish is standard, and custom colours are optional.

## Circuitry

The BEL units come complete with high quality, pulse action chargers which are up to 70% more efficient than constant voltage chargers. The chargers are solid state and are complete with low voltage disconnect, brownout, and short circuit protections. Standard dual input of either 120VAC or 347VAC is field selectable. A dual LED display indicates AC-ON and High charge, and all chargers are complete with a quick test, push-button switch for easy maintenance and testing. Recharge time is 24 hours. Optional automatic self-diagnostic/test control boards are also available.

## Ordering Guide

Series	Voltage	Wattage	Battery	Heads	Lamp Watts	Lamp	Options
BEL	06-06 volt 12-12 volt 24-24 volt	see rating chart below (eg. 036)	Blank - regular	00-no heads 1N-1 PAR 18(standard) 2N-2 PAR 18(standard) 1S-1 MR 16 2S-2 MR 16 1L-1 PAR 36 2L-2 PAR 36 1M-1 MR16, 2M-2 MR16 3M-3 MR16, 4M-4 MR16	(eg. 09) see lamp selection chart below	Q-Quartz Halogen T-Tungsten SBQ-Quartz sealed beam SBT-Tungsten sealed beam	AT, OBM, FD5, FD6, TD*, TP, TPB, BD, IRT*, LD, RFS*, TLP*, ACTB, DCTB, SP, A, CPS, CT, SMH, TFC, TPX, V, FD2, FD3, FD4 Wireguard Mounting shelf * Specify voltage

## Model Ratings

Model	Volt.	Cabinet Type	Wattage Capacities in minutes			
			30 min.	60 min.	120 min.	240 min.
BEL06100	6	A	100	50	25	12
BEL06160	6	A	160	80	40	20
BEL12100	12	A	100	50	25	12
BEL12160	12	A	160	80	40	20
BEL12200	12	A	200	100	50	25
BEL12250	12	B	250	125	62	31
BEL12360	12	B	360	180	90	45
BEL24144	24	A	144	72	36	18
BEL24200	24	A	200	100	50	25

## Lamp Selection

	6 Volts	12 Volts	24 Volts
<b>PAR18 - Small Heads</b>			
Q	8W, 10W, 12W	8W, 10W, 12W	12W
T	5.4W, 7.2W, 9W	5.4W, 9W, 12W, 18W	9W, 18W
<b>MR16 - Small Heads c/w MR16 Lamp</b>			
Q	8W, 10W, 12W, 20W, 35W, 50W	8W, 10W, 12W, 20W, 35W, 50W	12W, 20W, 35W, 50W, 70W
<b>PAR36 - Large Heads</b>			
Q	8W, 10W, 12W, 20W	8W, 10W, 12W, 20W, 35W	12W, 20W
T	5.4W, 7.2W, 9W, 18W, 25W	5.4W, 9W, 18W, 25W	9W, 18W, 25W
SB Q	8W, 10W, 12W, 20W	8W, 12W, 30W, 35W, 55W	55W, 70W
SB T	9W, 18W	25W	N/A

Q = Quartz Halogen T = Tungsten SB = Sealed Beam

See Option  
Descriptions page

**WARRANTY:** As always E.L.S. is focused on quality. For complete warranty details, please see our terms and conditions.

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