

## Tough SmartMarquee™ Specifications

### General Specifications for all Marquees

<b>NEMA RATING:</b>	NEMA 12, NEMA 4X Class I, DIV II
<b>Power Source:</b>	115 VAC (102-132) 47-63 Hz 230 VAC (194-250) 47-63 Hz
<b>Vibration:</b>	5 - 55 Hz 5G for 2 hours in the X, Y and Z axis
<b>Shock:</b>	20G for under 12ms in the X, Y and Z axis
<b>Agency Approvals:</b>	UL, CUL, CE pending
<b>Operating Temp:</b>	0-55° C Ambient
<b>Storage Temp: -</b>	40 to 95 C Ambient
<b>Humidity:</b>	10 to 95% RH, Non-condensing
<b>Electrical Interference:</b>	NEMA ICS 2-230 Showering Arc Test
<b>Electrical Tolerance:</b>	ANSI C37.90a-1974 (SWC) Surge With-Stand Capability Test

Table for # of lines and # of characters  
(N=Narrow Characters)

Model	Char. Size	# of Char.	# of Lines
2L20C	2"	20	2
2L20C	4"	10	1
4L20C	2"	20	4
4L20C	4"	10	2
4L20C	6"	6	1
4L20C	8"	5	1
4L20C	8" N	10	1
8L20C	2"	20	8
8L20C	4"	10	4
8L20C	6"	6	2
8L20C	8"	5	2
8L20C	8" N	10	2
2L40C	2"	40	2
2L40C	4"	20	1
4L40C	2"	40	4
4L40C	4"	20	2
4L40C	6"	13	1
4L40C	8"	10	1
4L40C	8" N	20	1
8L40C	2"	40	8
8L40C	4"	20	4
8L40C	6"	13	2
8L40C	8"	10	2
8L40C	8" N	20	2
2L80C	2"	80	2
2L80C	4"	40	1
4L80C	2"	80	4
4L80C	4"	40	2
4L80C	6"	20	1
4L80C	8"	20	1
4L80C	8" N	40	1

**How far do you need to see ?**

- 2" char. - readable from 100 ft
- 4" char. - readable from 200 ft
- 6" char. - readable from 300 ft
- 8" char. - readable from 400 ft
- 8" Narrow char. - readable from 400 ft

### PMD 300 MC Message Controller additional features

**Blinking:** A character, word, or message flashes at user programmed rate. Flashing messages attract more attention.

**Chained Message:** You can link up to 115 messages together, and display them at a user defined rate.

**Circular Message Que:** A list of messages that is displayed in the order that they are triggered according to their message display time. The list wraps around from the last message back to the first message and continue to cycle through the que until user makes a change.

**Data Log:** An area of memory set aside for a time and date-stamped historical record of events in the unit.

**Invisible Message:** Ability to send messages to a printer or Slave marquees, without displaying the same on the master marquee.

**Realtime Clock:** Marquees have built-in real time clock to display time. Eliminates the need to sending time information from PLC.

**Scrolling Message:** Marquees can scroll message from left to right, and from bottom to top.

The table shows all standard sizes and maximum number of lines and characters for each character height supported.

You can display characters of different heights in the same line.