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- Batteries shall not be continuously operated below 50°F (10°C) or above 95°F (35°C) unless temperature compensated via thermocouple monitoring of 11. the temperature at the battery.
- 12. Batteries shall be located in a manner that the individual batteries do not vary by more than 5°F (2.8°C) between the lowest and highest individual battery temperatures.

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13. The life of the battery is affected by the Operating Temperature. For every 13°F (7°C) increase in operating temperature above 77°F (25°C), the warranty period will be proportionally reduced by 50% as shown below:

## BATTERY TYPES: DC27, 8C-11, 9C-11, 7T-31

Operating Temp	<b>Proportional % of Life</b>	Warranty Period	Total Period	
77°F	100%	1.0 yr. full (12 mo.) / 1.0 yr. (12 mo.) pro-rata	2.0 years (24 mo.)	
81°F	80%	.8 yr. full (10 mo.) / .8 yr. (10 mo.) pro-rata	1.6 years (20 mo.)	
87°F	60%	.6 yr. full (7 mo.) / .6 yr. (7 mo.) pro-rata	1.2 years (14 mo.)	
90°F	50%	.5 yr. full (6 mo.) / .5 yr. (6 mo.) pro-rata	1.0 year (12 mo.)	

Warranty Period 2.0 vr. full (24 mo.) / 3.0 yr. (36 mo.) pro-rata

1.6 yr. full (19 mo.) / 2.4 yr. (29 mo.) pro-rata

1.2 yr. full (14 mo.) / 1.8 yr. (22 mo.) pro-rata

1.0 yr. full (12 mo.) / 1.5 yr. (18 mo.) pro-rata

### **BATTERY TYPE: GC15**

Operating Temp	Proportional % of Life
77°F	100%
81°F	80%
87°F	60%
90°F	50%

### **BATTERY TYPE: 8L16**

<b>Operating Temp</b>	Proportional % of Life	Warranty Period	<b>Total Period</b>
77°F	100%	2.0 yr. full (24 mo.) / 5.0 yr. (60 mo.) pro-rata	7.0 years (84 mo.)
81°F	80%	1.6 yr. full (19 mo.) / 4.0 yr. (48 mo.) pro-rata	5.6 years (67 mo.)
87°F	60%	1.2 yr. full (14 mo.) / 3.0 yr. (36 mo.) pro-rata	4.2 years (50 mo.)
90°F	50%	1.0 yr. full (12 mo.) / 2.5 yr. (30 mo.) pro-rata	3.5 years (42 mo.)

14. Upon installation and at least once a year thereafter, purchaser (user) shall complete and maintain record of a Battery Maintenance Report recording cell serial numbers, Charge voltage and charge current settings, surface temperatures, ambient environment temperature, etc. in accordance with EPM's published instructions. The inability to produce such documents at the time of warranty consideration may result in the voiding of any applicable warranty. Records shall indicate the battery was operated in accordance with EPM's published instructions.

#### LIMITATIONS

This express warranty is the buyer's sole remedy and shall be subject to all terms and conditions herein. All other warranties, whether expressed or implied, including but not limited to implied warranties or merchantability and fitness for a particular purpose, are disclaimed. THIS WARRANTY DOES NOT COVER LOSS OF TIME, INCONVENIENCE, DAMAGE TO ANY PROPERTY, OR OTHER INCIDENTAL OR CONSEQUENTIAL DAMAGES. SOME STATES DO NOT ALLOW THE EXCLUSION OR LIMITATION OF INCIDENTAL OR CONSEQUENTIAL DAMAGES, SO THE ABOVE LIMITATION OR EXCLUSION MAY NOT APPLY TO YOU.

# EAST PENN manufacturing co., inc.

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**Total Period** 

5.0 years (60 mo.)

4.0 years (48 mo.)

3.0 years (14 mo.)

2.5 years (30 mo.)