

# BATTERY HEATERS

# Zerostart®

Electric heating that is applied directly to the battery for reliable cold-weather starting.

## HEATER TYPES

### BOX

Durable metal design for heating in a battery box or tray, available in 120 or 240V models

### BLANKET

Heater wrap with thermal insulation maintains optimal battery temperature in warm or cold weather

### SILICONE PAD

Slim design & acid resistant for under battery heating, sizes for single or group batteries

## BENEFITS

- Maintain available cold cranking amps in cold weather by warming the batteries
- Efficient direct heat transfer
- Three heating options available – silicone pad, blanket and box heater
- Install in sub-zero temperatures
- Improved recharge time



### BOX – BATTERY HEATER

Box heater with a preset thermostat that maintains 80°F (27°C) battery warmth

- Designed to fit in the battery box/tray
- Grounded cord 8' (2.4m) in length



Part No.	Watts	Volts	Width	Length	Height	Certification
8500320	200	120 AC	6" (15cm)	9" (23cm)	3/4" (1.9cm)	-
8500339	200	240 AC	6" (15cm)	9" (23cm)	3/4" (1.9cm)	-

NOTICE: This product is NOT recommended for use with lithium ion batteries or nickel cadmium batteries.

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## SILICONE PAD – BATTERY HEATER

Silicone pad heater placed underneath the batteries.

- Silicone material is resistant to battery acid
- Slim design to fit in the battery box/tray



Part No.	Wolverine Model	Watts	Volts	Amp	Width	Length	Plug Type	Certification
3400103	BH-25-120V	25	120	0.2	3" (7.6 cm)	5" (12.7 cm)	E	-
3400066	BH-60-120V	60	120	0.5	5-1/2" (14 cm)	8-1/2" (22 cm)	A	-
3400036	BH-60-120V CSACE	60	120	0.5	5-1/2" (14 cm)	8-1/2" (22 cm)	A	CSA/CE
3400104	BH-80-120V	80	120	0.7	6-1/2" (16.5cm)	10-1/2" (26.7cm)	E	-
3400038		180	120	1.5	20-1/2" (52cm)	13" (33cm)	A	CSA/CE
3400068		180	120	1.5	20-1/2" (52cm)	13" (33cm)	E	-
3400102	BH-180-120V	180	120	1.5	20-1/2" (52cm)	13" (33cm)	E	-
3400086	BH-60-240V CSACE	60	240	0.25	5-1/2" (14cm)	8-1/2" (21.6 cm)	B	CSA/CE
3400096	BH-60-240V	60	240	0.25	5-1/2" (14 cm)	8-1/2" (21.6 cm)	Blunt	-

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\*Non-CSA models are not available for sale in Canada

## BLANKET – BATTERY HEATER

Thinsulate™ thermal blanket that wraps around the battery to maintain temperature in cold or warm weather.

- Warms battery core to 60-70° above ambient temperature for quick starts
- Thermostatically controlled models available in select sizes
- Thermostat models maintain a set temperature range, on at 60°F (16°C) and off at 80°F (27°C)
- 120 AC Volts
- Plug Type A NEMA 5-15



Part No.	Watts	Thermostat	Height	Width	Length	Cord Length	Fits Batteries	Certification
2800055	50	-	5" (12.7cm)	1/2" (1.1cm)	28" (71cm)	30" (76cm)	Group 22NF, 26, 26R, 51, 51R, 70	CSA
2800073	50	60 - 80°F (16 - 27°C)	5" (12.7cm)	1/2" (1.1cm)	34" (86 cm)	70" (178cm)	Group 22NF, 26, 26R, 51, 51R, 70	cCSAus
2800074	65	60 - 80°F (16 - 27°C)	5" (12.7cm)	1/2" (1.1cm)	42" (107cm)	70" (178cm)	Group 24, 24F, 24H, 24R, 24T, 25, 27, 27F, 27H, 31, 34, 34R, 35, 74, 38	cCSAus
2800063	80	-	5" (12.7cm)	1/2" (1.1cm)	36" (91cm)	30" (76cm)	Group 24, 24F, 24H, 24R, 24T, 25, 27, 27F, 27H, 31,34, 34R, 35, 74, 38	CSA
2800075	80	60 - 80°F (16 - 27°C)	5" (12.7cm)	1/2" (1.1cm)	50" (127cm)	70" (178cm)	Group 30H, 31	cCSAus
2800076	130	60 - 80°F (16 - 27°C)	5" (12.7cm)	1/2" (1.1cm)	66" (168cm)	70" (178cm)	Group 4D, 6D	cCSAus
2800071	160	-	5" (12.7cm)	1/2" (1.1cm)	72" (183cm)	30" (76cm)	Group 31, Series - Parallel Systems	CSA
2800077	160	60 - 80°F (16 - 27°C)	5" (12.7cm)	1/2" (1.1cm)	74" (188cm)	70" (178cm)	Group 8D	cCSAus

Thinsulate™ is a registered trademark of 3M corporation.

Certifications: CSA certified to CSA C22.2, cCSAus certified to C22.2 and UL 499.

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