

Section Four

Battery Pads
Battery Wraps –
Single or Multiple
Applications

Silicone Hot Pads



Battery Heating Pads

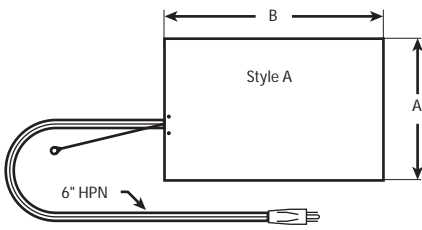
A fully charged battery has only 40% cranking power at 0° F when compared to 100% cranking power at 80° F.

When batteries are placed in an insulated battery box, a thermostat is recommended

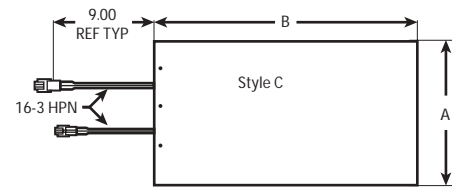
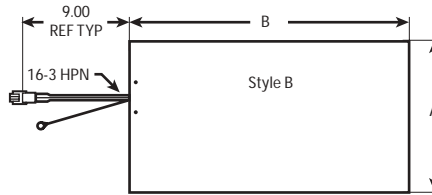
to sense battery box temperature to prevent overheating the battery.

Battery heater not recommended for nickel cadmium batteries.

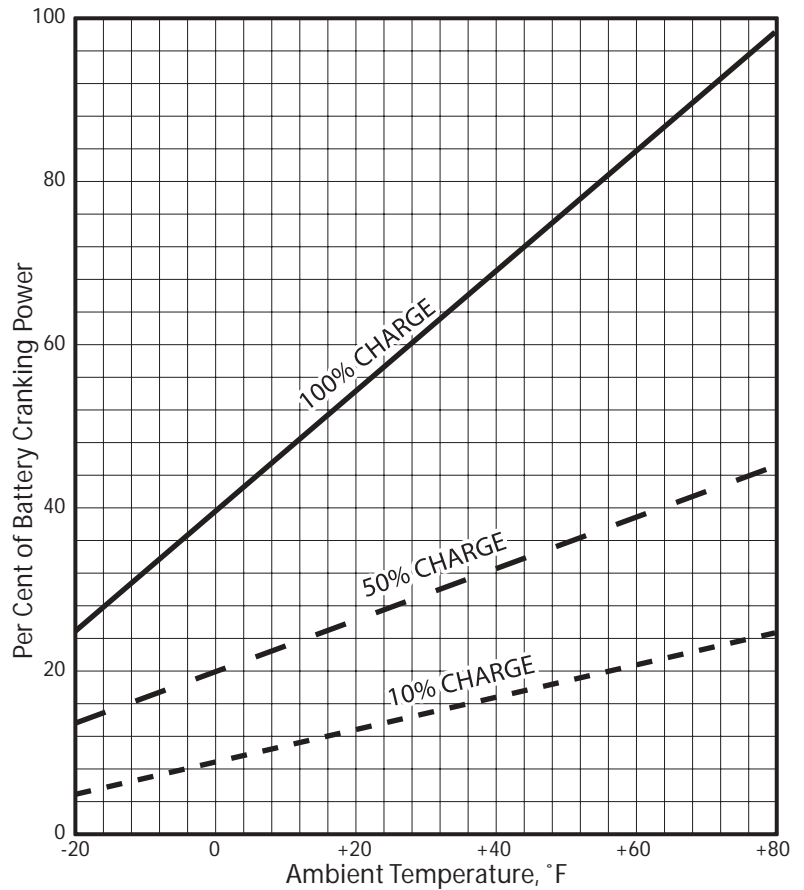
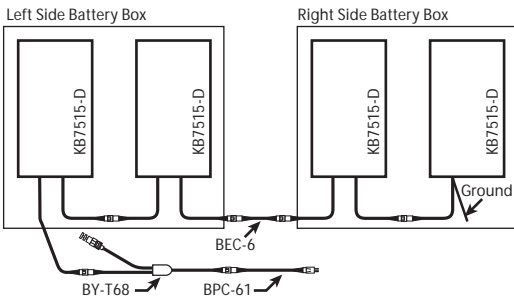
Standard Pad for Single Battery



Special Pads for Multiple Batteries

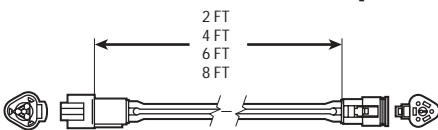


Typical Connection - 2 Batteries on Each Side of Vehicle

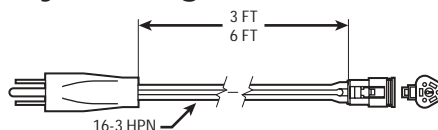


Model Number	Volts	Watts	Amps	Nominal Dimensions		Batt. Size	Style
				A	B		
KB5015	120	50	.42	8 1/4	13	4D	A
KB5015-S	120	50	.42	8 1/4	13	4D	B
KB5015-D	120	50	.42	8 1/4	13	4D	C
KB7515	120	75	.63	10 1/2	18 1/2	8D	A
KB7515-S	120	75	.63	10 1/2	19 1/2	8D	B
KB7515-D	120	75	.63	10 1/2	19 1/2	8D	C
KB7523	240	75	.31	10 1/2	18 1/2	8D	A
KB7523-S	240	75	.31	10 1/2	19 1/2	8D	B
KB7523-D	240	75	.31	10 1/2	19 1/2	8D	C

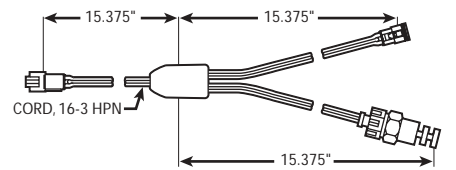
Accessories For Multiple Battery Heating



EXTENSION CORDS	
Model	Length
BEC-2	2'
BEC-4	4'
BEC-6	6'
BEC-8	8'



POWER SUPPLY CORDS		
Model	Length	Volts
BPC-31	3'	120
BPC-32	3'	240
BPC-61	6'	120
BPC-62	6'	240



THERMOSTAT & "Y" CORD ASSEMBLY		
Model	Temperature Control	
	On	Off
BY-T68	60°F	80°F

Prolong the life of your battery with Kim Hotstart thermal battery wraps with or without thermostat.

- Durable, fire-retardant vinyl cover that resists oils and acids.
- 6' grounded cord and plug.
- Fast, easy installation.
- Boosts battery cranking power as much as 75%.

BATTERY THERMAL WRAP — NO THERMOSTAT			
Model Number	Volts	Watts	Length
KBW5015-000	120	50	28"
KBW8015-000	120	80	36"
KBW16015-000	120	160	72"

Thermostatically controlled battery thermal wraps provide optimum heating regardless of ambient temperature.

- At 80°F, the battery will achieve maximum cold cranking amps.
- Battery is constantly maintained at 80°F.
- Provides greater heat rise than plates or pads.
- Thermostat will eliminate battery damage caused by overheating and acid spill.

Thermostat range: 65°F - 80°F

BATTERY THERMAL WRAP — WITH THERMOSTAT			
Model Number	Volts	Watts	Length
KBW5015T-000 KBW5024T-000	120 240	50 50	26" 26"
KBW8015T-000 KBW8024T-000	120 240	80 80	44" 44"
KBW10015T-000 KBW10024T-000	120 240	100 100	56" 56"

Battery Thermal Wrap



Silicone Hot Pads



Not for use on batteries

Flexible, Versatile and Easy to install.

Kim Hotstart adhesive Hot Pad Heaters are ideal for oil pans, hydraulic reservoirs, engine blocks, hydraulic cylinders and diesel fuel tanks.

- Available in 3 sizes at 120 and 240 volt
- Easy peel and stick application
- Etched foil heating element for optimal heat transfer and long life
- Durable silicone/fiberglass cover resists abrasion
- Assembled with a standard 6 ft. HPN cord and plug

Model Number	Dimensions	Volts	Watts
AF10015 AF10024	4" x 5"	120 240	100 100
AF15015 AF15024	4" x 5"	120 240	150 150
AF25015 AF25024	5" x 6"	120 240	250 250
AF40015 AF40024	6" x 8"	120 240	400 400

Application Guideline	100 Watt	150 Watt	250 Watt	400 Watt
engine oil pan	2 to 5 quarts	5 to 8 quarts	2 to 5 gallons	5 to 8 gallons
diesel tank	5 to 7 gallons	7 to 10 gallons	10 to 20 gallons	20 to 30 gallons
hydraulic tank	1 to 5 gallons	5 to 10 gallons	10 to 20 gallons	20 to 30 gallons
water tank	up to 2 gallons	2 to 4 gallons	4 to 7 gallons	7 to 10 gallons

CAUTION: Do not use pads with higher than recommended wattage for specific oil capacities.