

UL Recognized Battery Thermal Wrap BW



HOTSTART battery thermal wraps prolong battery life and improve cranking power in the coldest conditions. The UL Recognized wrap maintains battery temperature at 80 °F (27 °C) for maximum cold cranking amps.

BENEFITS & FEATURES

SUPERIOR CONSTRUCTION

Designed for worry-free operation, the built-in thermostat prevents damage or spills caused by overheating. The wrap's durable, fire-retardant vinyl resists oil and acids. For easy adjustment or removal, the wrap includes a convenient strap and buckle.

THE RIGHT FIT FOR EVERY BATTERY

Constructed with multiple battery sizing in mind, the wrap is available in multiple lengths tailored to ensure a perfect fit – eliminating excessive overlap or exposed, unheated sections.

CRANKING POWER ON DEMAND

Batteries lose their ability to provide full cranking power in temperatures lower than 80 °F (27 °C). In freezing temperatures, a battery can only provide 65% of its full cranking power, and in extreme weather, an unheated battery's cranking power may fall to 40% or lower.

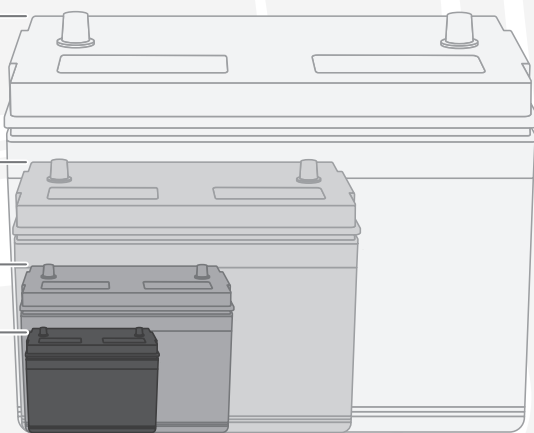


80 °F/27 °C
100%

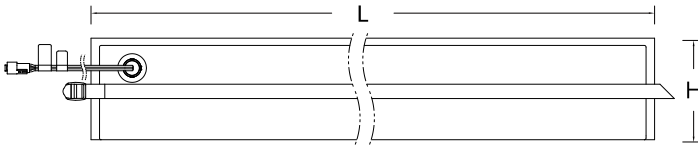
32 °F/0 °C
65%

0 °F/-18 °C
40%

-20 °F/-29 °C
25%



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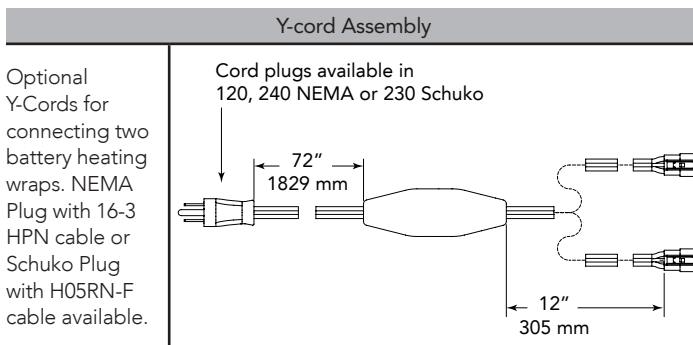
Height (H)	Length (L)	Weight
7.5" 191 mm	(refer to ORDERING INFORMATION chart)	1.1–2 lbs 0.50–0.91 kg

Recommended minimum clearance of 1.5" (38 mm) when placed inside a case or box.

Wrap	
Phase	single-phase (1 Ø)
Voltage	120V 240V
Heat Power	50W 65W 80W 100W 130W 160W
Temp. Control	60–80 °F (16–27 °C), fixed
Power Connector Type	3-pin, 9 inch (229 mm) length
Power Cord	72 inch (1829 mm) length
Power Plug Type (US)	120V NEMA 240V NEMA
Power Plug Type (Euro)*	240V Schuko
Certification	UL-C/US recognized*

* – Euro cord not UL-recognized

Options shown represent typical tested or certified configurations. Additional options or configurations may be available. For assistance with your heating system application, contact HOTSTART at 509.600.3700 or sales@hotstart.com.



Y-cord assembly

Part Number	Volts	Plug Type
BW-Y-1	120	NEMA (US)
BW-Y-2	240	NEMA (US)
BW-Y-E	230	Schuko (Euro)

ORDERING INFORMATION

UL Recognized Battery Wrap – with Thermostat

Battery wrap comes with a 9" (229 mm) pigtail. Power cord has a NEMA plug. **Please order the necessary power cord to complete your wrap assembly.**

Select wrap based on either Battery Group or Perimeter

Replacement Strap BW-S-55 for wrap lengths 34", 42" & 50"
Replacement Strap BW-S-80 for wrap lengths 58", 66" & 74"

Battery Group**	Battery Perimeter	Wrap				
		Volts	Watts	Model Number	Power cord***	Wrap Length (L)
22NF	24 - 32" (610 - 813 mm)	120	50	BW0513006S-000	BPC-61	34" (864 mm)
		240	50	BW0523006S-000	BPC-62	
24, 24F, 24H, 24R, 24T, 25, 27, 27H, 34, 34R, 35, 75, 78, GC2	32 - 40" (813 - 1016 mm)	120	65	BW0613806S-000	BPC-61	42" (1067 mm)
		240	65	BW0623806S-000	BPC-62	
30H, 31	40 - 48" (1016 - 1219 mm)	120	80	BW0814606S-000	BPC-61	50" (1270 mm)
		240	80	BW0824606S-000	BPC-62	
2E	48 - 56" (1219 - 1422 mm)	120	100	BW1015406S-000	BPC-61	58" (1473 mm)
		240	100	BW1025406S-000	BPC-62	
4D, 6D	56 - 64" (1422 - 1626 mm)	120	130	BW1316206S-000	BPC-61	66" (1676 mm)
		240	130	BW1326206S-000	BPC-62	
8D	64 - 72" (1626 - 1829 mm)	120	160	BW1617006S-000	BPC-61	74" (1880 mm)
		240	160	BW1627006S-000	BPC-62	

** – Not all battery groups listed. For wrap sizing, consult the factory.

*** – Power cord sold separately. For other cord lengths, consult the factory.

Euro Battery Wrap for Schuko Plug – with Thermostat

Battery wrap comes with a 9" (229 mm) pigtail. Power cord has a Schuko plug. **Please order the necessary power cord to complete your wrap assembly.**

Select wrap based on either Battery Group or Perimeter

Replacement Strap BW-S-55 for wrap lengths 34", 42" & 50"
Replacement Strap BW-S-80 for wrap lengths 58", 66" & 74"

Battery Group**	Battery Perimeter	Wrap				
		Volts	Watts	Model Number	Power cord***	Wrap Length (L)
22NF	24 - 32" (610 - 813 mm)	240	50	BW0523006S-100	BPC-62E	34" (864 mm)
24, 24F, 24H, 24R, 24T, 25, 27, 27H, 34, 34R, 35, 75, 78, GC2	32 - 40" (813 - 1016 mm)	240	65	BW0623806S-100	BPC-62E	42" (1067 mm)
30H, 31	40 - 48" (1016 - 1219 mm)	240	80	BW0824606S-100	BPC-62E	50" (1270 mm)
2E	48 - 56" (1219 - 1422 mm)	240	100	BW1025406S-100	BPC-62E	58" (1473 mm)
4D, 6D	56 - 64" (1422 - 1626 mm)	240	130	BW1326206S-100	BPC-62E	66" (1676 mm)
8D	64 - 72" (1626 - 1829 mm)	240	160	BW1627006S-100	BPC-62E	74" (1880 mm)

** – Not all battery groups listed. For wrap sizing, consult the factory.

*** – Power cord sold separately. For other cord lengths, consult the factory.