

INSTALLATION INSTRUCTIONS

UL-LISTED / UL-RECOGNIZED BATTERY HEATING WRAP

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BATTERY WRAPS

BEFORE YOU INSTALL

CAUTION

Electrical hazard: Disconnect battery before installation. Power source must be properly grounded and in accordance with national and local electrical codes. Do not connect wrap to power source prior to installation.

Personal injury: To avoid possible electrical or fire hazard, inspect plug and exposed cord for wear or damage prior to each use. Disconnect heater prior to performing service.

Extension cord hazard: Extension cords may be used if care is exercised in their use. If an extension cord is used, the marked electrical rating of the extension cord should be at least as great as the electrical rating of the appliance; the extension cord should be grounding type 3 wire cord; and the extension cord should be arranged so that it will not snag, cause someone to trip, or be pulled unintentionally.

NOTICE

Overheating hazard: If battery is enclosed in an insulated battery case, a wrap with thermostat is recommended to prevent battery overheating. Excessive overlap or an obstructed thermostat may cause overheating. Overheating may damage battery or shorten battery life.

Battery damage: Battery wrap heaters are not recommended for nickel cadmium batteries.

Enclosure clearance: If placed inside a case or box, HOTSTART recommends a minimum clearance of 1.5 inches (38mm) between battery and enclosure wall.

Weather hazard: The battery heating wrap must not be installed in damp locations, wet locations or locations directly exposed to weather.

Ensure your wrap is properly fitted to your battery size. See *Table 1 and Table 2* for wrap sizing.

UL RECOGNIZED BATTERY THERMAL WRAP — WITH THERMOSTAT Thermostat range: 60 °F – 80 °F (16 °C – 27 °C)

Battery Group*	Battery Perimeter	Model Number	Replacement Strap BW-S-55 for wrap lengths of 34", 42" and 50"		Wrap Length	72" Power Cord**
			Volts	Watts		
22NF	24–32" (610–813 mm)	BW0513006S-000	120	50	34" (864 mm)	BPC-61
		BW0523006S-000	240	50	34" (864 mm)	BPC-62
24, 24F, 24H, 24R, 24T, 25, 27, 27H, 34, 34R, 35, 75, 78, GC2	32–40" (813–1016 mm)	BW0613806S-000	120	65	42" (1067 mm)	BPC-61
		BW0623806S-000	240	65	42" (1067 mm)	BPC-62
30H, 31	40–48" (1016–1219 mm)	BW0814606S-000	120	80	50" (1270 mm)	BPC-61
		BW0824606S-000	240	80	50" (1270 mm)	BPC-62
2E	48–56" (1219–1422 mm)	BW1015406S-000	120	100	58" (1473 mm)	BPC-61
		BW1025406S-000	240	100	58" (1473 mm)	BPC-62
4D, 6D	56–64" (1422–1626 mm)	BW1316206S-000	120	130	66" (1676 mm)	BPC-61
		BW1326206S-000	240	130	66" (1676 mm)	BPC-62
8D	64–72" (1626–1829 mm)	BW1617006S-000	120	160	74" (1880 mm)	BPC-61
		BW1627006S-000	240	160	74" (1880 mm)	BPC-62

EURO BATTERY THERMAL WRAP FOR SCHUKO PLUG— WITH THERMOSTAT Thermostat range: 60 °F – 80 °F (16 °C – 27 °C)

Battery Group*	Battery Perimeter	Model Number	Replacement Strap BW-S-55 for wrap lengths of 34", 42" and 50"		Wrap Length	72" Power Cord**
			Volts	Watts		
22NF	24–32" (610–813 mm)	BW0523006S-100	240	50	34" (864 mm)	BPC-62E
			240	50	34" (864 mm)	BPC-62E
24, 24F, 24H, 24R, 24T, 25, 27, 27H, 34, 34R, 35, 75, 78, GC2	32–40" (813–1016 mm)	BW0623806S-100	240	65	42" (1067 mm)	BPC-62E
			240	65	42" (1067 mm)	BPC-62E
30H, 31	40–48" (1016–1219 mm)	BW0824606S-100	240	80	50" (1270 mm)	BPC-62E
			240	80	50" (1270 mm)	BPC-62E
2E	48–56" (1219–1422 mm)	BW1025406S-100	240	100	58" (1473 mm)	BPC-62E
			240	100	58" (1473 mm)	BPC-62E
4D, 6D	56–64" (1422–1626 mm)	BW1326206S-100	240	130	66" (1676 mm)	BPC-62E
			240	130	66" (1676 mm)	BPC-62E
8D	64–72" (1626–1829 mm)	BW1627006S-100	240	160	74" (1880 mm)	BPC-62E
			240	160	74" (1880 mm)	BPC-62E

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INSTALL WRAP

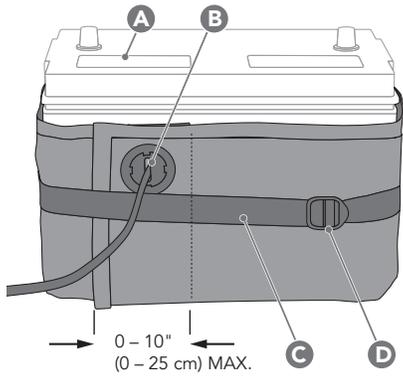


Figure 1. Battery wrap installation, showing battery (A), cord (B), strap (C) and buckle (D). Maximum overlap is 10 inches (25 cm).

1. Disconnect battery negative terminal and then positive terminal. Remove battery.
2. Clean battery sides. If enclosed, clean battery case or box.
3. Wrap battery as shown in Fig. 2. **NOTICE!** Maximum allowable overlap is 10 inches (25 cm). Wrap must not obstruct cord.



Figure 2. Wrapping battery.

4. Place strap around battery and wrap. Thread strap through buckle as shown. To tighten, double-back strap through buckle and pull tight. Secure excess strap.

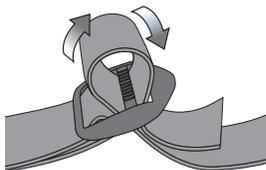


Figure 3. Threading buckle.

5. Connect power cord (if necessary):

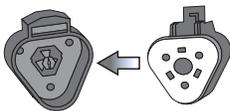
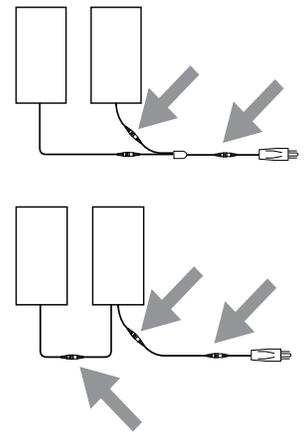


Figure 4. Connecting power cord to three-pin connector.

- If your wrap features a Y-cord accessory, connect the Y-cord to both three-pin wrap connectors as shown in Fig 4.
- If your battery wraps are intended to be connected together, connect the three-pin connectors to each wrap and to the power cord as shown in Fig. 4.



6. Route and secure cord. Ensure battery does not rest on cord. **CAUTION!** Do not secure cord to hot surfaces or moving parts. Do not overtighten clamps or ties used to secure cord. Overtightened clamps or ties may sever or expose cord wiring.
7. Reconnect battery. Connect positive terminal first, then connect negative terminal. Connect wrap to appropriately rated power source.
8. Check wrap and electrical connections for wear or excessive heat every two years of operation.

- If your wrap features a power cord with a NEMA or Schuko plug, no connection is required.
- If your wrap features a three-pin connection and a separate power cord, connect the power cord end to the three-pin connector as shown in Fig. 4.

