

Thomas IV Warmers and Heating Pack Manufacturer Specs and Warnings

IV Warmers: TT661(4L), TT662(2L), TT663(4L Mounted)

Heat Packs: TT650, TT654



Electronic Specifications

- Internal regulating temperature: 38°C / 100.4°F, ±1°C / ±1.8°F.
- Intended use: Warming of IV Bags ONLY.
- Power requirements: Designed for 12 Volt input, Power Draw at 12 Volt is 2 Amps (24 Watts)
 - Built for Auto Spec 11.7 - 14 Volts
 - Will not operate under 11.6 Volts to save vehicle battery
 - Not recommended over 14.5 Volts
 - 12 Volt DC power cord protected with 3 or 5 Amp fuse, either is ok.
- Power connector: 12 Volt DC, Cigarette lighter plug (110 Volt Power Cord is optional)
- One year warranty on materials, parts and workmanship.

Heating Element Diagnostic Light

- Solid Green: Warming Up to Temperature (> 38°C / 100.4°F)
- Flashing Green: At Temperature (38°C / 100.4°F, ±1°C / ±1.8°F)
- Red: Low Power (> 11.6 Volts), Element is NOT heating
- No Light: No Power

Warnings

- Secondary thermally protected fuse will fail if temperature reaches higher than 70°C / 158°F (regardless if plugged in or not).
- Keep away from other heat sources, exhaust system, engine compartment, generator compartment, etc. to prevent overheating and internal thermal fuse failing.
- Do NOT use for drying clothes, heating food products, warming drinks, etc.
- Thomas EMS is not responsible for issues or damages caused by anything other than its intended use on any customer IV Warmers or Heat Packs.
- Thomas EMS responsibility is limited only to the IV Warmer and Heating Packs operation only.
- Thomas EMS is not responsible for customer vehicle power output or misuse of any kind.
- Customer should follow IV manufacturer recommendations for warming and storage of IV bags.
- Keep away from wet areas. Unplug immediately if unit gets wet and allow to completely air dry.
- Clean with mild soap and water ONLY. No washing machines. Allow unit to completely air dry before use.