Features & Benefits

Features	Benefits
Intelligent Programming (IntelliSense)	The on-board microprocessor reads the temperature from thermistors every few seconds and sends 100% power to provide maximum heat to the grips until the desired heat setting is reached. Once at the desired temperature, the program regulates the heat automatically to maintain a consistent level. This adds to the safety of NOT requiring rider intervention to make frequent adjustments while riding or at a stoplight.
On-board thermistors embedded in our grips	Enables the microprocessor to thermostatically control the heat sent to the grips and maintain the desired temperature without rider intervention.
Intelligent Auto-Shutoff	Protects against depleting the battery to the point of being unable to start the motor when grips are left on, yet does not prematurely shutoff grips due to momentary voltage drops such as those experienced at an intersection at idle.
Performance and Comfort Ergonomics and Tactile and Durable Material	Comfort and performance is not mutually exclusive. As in the case of our Chicane Sport Grips, the form and shape naturally conforms to the human hand, and the dual compound material is tactile and yet firm for aggressive riding through the quick turns of mountain twisty roads or the rigors of a track.
Clamp-on Installation	Easy installation with no messy glue required.
External Controller with 6 Heat Settings	External control switch adds to reliability and a significantly reduced cost of replacement if grip is damaged since the controller is independent.
Sealed Connectors	Our water tight sealed connectors ensure miles of riding in rain or shine to prevent electrolytic induced corrosion

Why Do You Need Heated Grips?
Heated grips are about much more than keeping your hands comfortable. Cold hands lose their dexterity which could become a health and safety issue in certain conditions such as with difficulty when pulling the brake lever, and with heated grips you can wear lighter and less bulky gloves. Your body uses a lot of energy to stay warm, but with heated grips, your heart is pumping that warmed blood from your hands to your body's core and your muscles are receiving more oxygen, so over time, you will feel more alert and less fatigued.

Why Should You Buy AME Grips?
AME Heated Grips are among the most technologically advanced in the world. As in the case of our Chicane motorcycle grips, in addition to their unique style and ergonomic shape, they are made of a tactile yet durable dual composite material that combines touring comfort with aggressive sport control.

AME Heated Grips use thermistors to send temperature data to the microprocessor which is programmed to regulate power to maintain one of the six desired heat settings from 90-145 degrees. In a case where you might remove your hand from a grip at high speed on a cold day (for example to adjust your helmet visor), our grip will immediately sense the drop in temperature and send 100% full power to recover, and then regulate to maintain that setting.

The competition uses very basic rheostat controllers. They control heat simply by metering the amount of electrical current to a heat source. In that setup; if a controller has 4 heat settings, it will likely work at either 25-50-75 or 100% current (for example). This set up has no thermostat to monitor the actual temperature of the grip.

This is the same as having central heating in your home but no thermostat to turn the heat off when the house is sufficiently warm. Imagine that on a cold night, you would then have to wake up in the middle of the night to turn off the heat. Then, when it gets cold again, would wake up in the cold morning to turn it on again.

With the competition, if you're on setting 1 (25% current), you'll be waiting a long time or it may not even recover, so you will likely change the setting to 100%. Then when you come to a stoplight, 100% may be too hot so you'll probably turn them down. All of this is a distraction and safety is compromised.

With our IntelliSense Auto Shutoff, you can stop at that gas station for a pit stop and a coffee and come back to the bike with nice warm comfortable grips. On the other hand, if your bike's charging system falls consistently below 12.5 volts, the system will shut down the grips to allow you to start your motor. If this low voltage is only momentary (such as when idling at a stoplight), the program won't unnecessarily shutdown the grips. Once the bike is re-started, your grips will automatically come back on to the previous setting.