



# Vernay VoltaVent™ Battery Ventilation Solution



Advancements in automotive energy continue to drive a need for more complex air flow systems and solutions. Electrical components within lithium powered vehicles are stored in stable protective casings to prevent damage from water and other roadway elements. During normal operation, internal and external air fluctuation must be managed and pressure build up within these well-protected battery casings must be released. In response to these challenges, our R&D team has developed Vernay VoltaVent™, a new generation of dual function pressure reduction venting valves. Vernay VoltaVent™ consists of a pressure compensation valve which allows the internal casing to breathe, thereby minimizing temperature fluctuation. In addition, a second safety valve is in place should conditions demand an emergency burst of gas release. Both functions are seamlessly combined within the single Vernay VoltaVent™ component system.



