

Valley installs new, state-of-the-art battery backup UPS for fiber customers.



A Valley Installation & Repair Technician installs a new "Titan" battery backup.

According to Wikipedia, a UPS (uninterruptable power supply), is an electrical apparatus that provides emergency power when the input power source or main power fails. A UPS differs from an auxiliary or emergency power system or standby generator in that it will provide near-instantaneous protection from input power interruptions, by supplying energy stored in batteries, super-capacitors, or flywheels. The on-battery runtime of most uninterruptible power sources is relatively short (only a few minutes) but sufficient to start a standby power source or properly shut down the protected equipment.

The battery backup UPS has become a common component in many homes and businesses today due to the vast array and amount of electronic devices that need both protection from power surges and brief outages. During a power outage, a UPS lets the user save work and shut down without losing data or damaging valuable equipment. In the case of homes or facilities that get their internet service over fiber optics, a battery backup for the network terminal is critical for keeping the lines of communication open and protected.

Valley TeleCom technicians are currently in the process of installing a new battery backup system from ESPI the "Titan", that is somewhat of a game changer for Valley TeleCom fiber customers as well as Valley Technicians out in the field.



The new ESPI Titan is the most technologically advanced outdoor battery backup in the world. Designed for ease of installation, reliability and cost savings. The Titan features the most accurate temperature compensated charging available, which guarantees the longest battery run time and life available in a fiber-to-the-home battery backup today. Typical battery

backup units like this used today only have a run time of 4 to 6 hours with a battery life of 2 to 3 years while the new Titan will run a minimum of 8 hours and extend the battery life to 8 years. This means better reliability for customers during a power outage along with lower replacement costs for Valley, which also saves customers money down the line.



Another advantage with the Titan is the ease of installation for technicians through a new connector that makes network wiring a much simpler and faster process. The system can also be located up to 115 feet from a power source making for an easier and more attractive residential installation.

The Titan has the world's first onboard reset button

that allows remote reset capabilities for the network terminal that feeds service to the customer, which makes it very efficient and cost effective to maintain. It also features an advanced diagnostics algorithm for accurate determination of battery status and an industry-first alarm wire connector for visual verification of wire terminations for ensuring proper installation. The whole unit consists of modular components for easier installation and service and is designed and manufactured in the United States. Valley TeleCom is pleased to be able to provide this new upgrade to its fiber customers as we continue to improve products like our super-fast, unlimited Internet service. For more information on Valley products and services, call us at 800.421.5711 or visit our website at www.vtc.net.