

Meeker Cooperative Light & Power Association DBA VIBRANT Broadband (“VIBRANT”)

Battery Backup Requirements

Backup Power for Home Phone Services during Power Outages

For many years, your home phone would allow you to stay connected to emergency voice services during a power outage. However, many of today’s advanced home phone services require backup battery power to continue functioning during an outage. To avoid a disruption of home voice service during an outage – and to maintain the ability to connect to 911 emergency services – we at VIBRANT offer you the option of purchasing backup power for your home phones.

What Your Battery Can – and Can’t – Do for You

Backup batteries for optical network terminal (ONT) allow you to continue to use your home voice services during a power outage. Without a backup battery or alternate backup source such as a generator, customers will not be able to make calls, including emergency calls to 911. The only way to maintain the ability to use your phone is by using some form of backup power.

The backup battery does not provide power to services other than voice. Home security systems, medical monitoring devices and other equipment will not run on a home phone backup battery.

Purchase and Replacement Options

If you are concerned about being able to contact 911 emergency services during a power outage, a backup battery may be a good option for you.

If you do not feel comfortable installing your own battery, please call us to make an appointment, and we would be happy to assist you. However, please note that there is a charge for this service.

For Fiber to the Home Customers

You can purchase a backup battery through many of your local retailers or online, including from the vendor identified below. Be sure to purchase the battery model that is compatible with the equipment VIBRANT has provided for you. The ONT is an Adtran 401 micro ONT; the router is a Smart/RG SR905acv.

The following links will direct you to the compatible 24-hour battery backup **and** to the extra power supply you will need.

Backup Batteries: You will need to purchase three (3):

https://www.amazon.com/APC-Back-UPS-Connect-Uninterruptible-CP12142LI/dp/B079HFML55/ref=sr_1_23?keywords=12v+lithium+backup+battery&qid=1559131923&s=gateway&sr=8-23-spell

Additional Extra Power Supply: You will need to purchase one (1) to power one of the additional backup batteries:

https://www.amazon.com/SHNITPWR-Converter-100V-240V-Transformer-5-5x2-5mm/dp/B07NR6FPN9/ref=sr_1_2_sspa?keywords=12v+power+supply&qid=1559132008&s=gateway&sr=8-2-spons&psc=1

For Fixed Wireless Customers

You can purchase a backup battery through many of your local retailers or online, including from the vendor identified below. Be sure to purchase a backup solution that has enough capacity for the PoE and router VIBRANT has provided for you. The PoE is a Radwin 24v 1a PoE. The router provided is a Smart/RG SR905acv.

The following links will direct you to a compatible 24-hour battery backup. You will need to purchase one (1) backup batteries.

https://www.amazon.com/APC-SUA1000XL-Smart-UPS-Serial-Interface/dp/B00006BBKB/ref=sr_1_3?crid=1OUECINYG06ZN&keywords=apc+smart-ups+xl+1000va&qid=1559132232&s=gateway&srefix=apc+smart+ups+xl+100%2Caps%2C153&sr=8-3

For a full 24-hour usage time, you will need to purchase two (2) extended runtime battery modules, at the following link:

https://www.amazon.com/APC-SUA24XLBP-Smart-UPS-Battery-Pack/dp/B00006BBKP/ref=sr_1_fkmr2_1?keywords=apc+smart-ups+xl+1000va+battery+pack&qid=1559132276&s=gateway&sr=8-1-fkmr2

Expected Backup Power Duration

Backup batteries are expected to last at least 24 hours on standby power. The backup battery should give you 24 hours of usage time. If you feel that is not enough time, you may extend your standby power by purchasing additional batteries.

Instructions for Proper Care and Use of Your Battery

Please follow the more detailed instructions included with your battery for proper use, storage and care of your battery to ensure that it will function as needed during a power outage. If you do not store your battery correctly, it may shorten its useful life.

Environmental factors such as temperature can shorten your battery's useful life. We recommend that you store your battery above 41°F and below 104°F. They will not last forever and should be replaced every 1 to 2 years, or when your device starts to make a loud beeping sound. That sound means that the battery is depleted, and must be replaced. Refer to the information above for purchase and replacement options. You should also periodically, as described in the instructions included with your battery, remove and test your battery to verify both the operation of the backup battery and its condition.