

AONT-UPS

ONT Uninterruptable Power Supply

Feature Summary

- ◆ Power supply backup for Alphion GPON ONTs
- ◆ Over 18 watt of regulated 12V DC to the load
- ◆ Input overcurrent protection
- ◆ Output overvoltage and overcurrent protection
- ◆ Thermal shutdown protection
- ◆ CE, QM 333, and QM 301 compliant
- ◆ Missing battery indicator
- ◆ Failed battery indicator
- ◆ Up to 5 hour reserve operation in case of an AC power failure
- ◆ Fully charged in 18 hours while providing power to SFU
- ◆ Sealed maintenance-free battery
- ◆ Low-Voltage-Disconnect (LVD) circuit - when battery voltage goes below 10.5V

Specifications

Input Voltage Range:

160-270 VAC (EU/India) 90-240 VAC (NA)

Input Frequency:

45-63 Hz

Output Voltage range:

9.2-14.7 VDC (continuously adjustable) - EU/India/NA

Battery cut-off:

10.25-10.6 VDC (1.0 ADC)
EU/India/NA

Description

The Alphion power saving AONT-UPS protects the Alphion GPON ONTs from bad power as a result of surges and power outs.

The AONT-UPS is a compact backup power solution companion to the AONT-1000 and AONT-2000 family of SFU ONTs. The unit can be either wall mounted or placed on the floor near the ONT.

Applications

The AONT-UPS is meant to provide uninterrupted service from the AONT-1000 and AONT-2000 family of SFU ONTs. This ensures that voice, data, and internet are fully functional, even during a power outage or power surge, for up to 5 hours. When the power supply is restored, the back-up battery charges up in 18 hours or less depending on the battery discharge during the power out.

Safe and Reliable Operation

The AONT-UPS comes with built in over voltage and over current protection. In addition, the unit also includes a Low-Voltage-Disconnect circuit function that disconnects the battery when it gets below 10.5V. The surge protection features helps prevent damage to the Alphion ONT products that can occur due to frequent power fluctuations.

