

Point Server UPS Operation

Installation

The Point Server is shipped with the UPS module turned off (indicated by the back LED flashing). The Point Server is fully operational except that the UPS module will not supply power if the power to the Point Server is turned off. To turn on the UPS module hold the push button on the back of the unit for 5 seconds or more until the LED stops flashing and is on. The UPS module is now ready for operation. Note: the UPS module comes fully charged from the factory.

Operation

Start

The UPS module flashes the LED indicating that the module is off. Press the push button for 5 seconds or more until the LED stops flashing and is on steady.

Turning Off

If the UPS module is on (the LED is on steady or off (not flashing)), press the push button for 5 seconds until the LED starts flashing. If line power is off, the UPS LED will be off.

UPS Sensor

The UPS module has an internal sensor that reports the state of the UPS module. The Point Server normally is shipped with this sensor registered in its sensor table. If the sensor table is cleared, you can register the sensor by setting Auto-Add mode to SERVICE and then momentarily pressing the button of the UPS module located in the back panel of the Point Server. Momentarily pressing the button causes the UPS sensor to send a packet marked with a service indicator to the Point Server.

Push button modes

- Push button for 5 seconds or more: toggles on/off the UPS module
- Momentary push (while on): send packet with service indicator.

LED

UPS LED	POWER LED	UPS mode	Line Power	Indication
On	On	On	On	Nomal Operation
Flashing	On	UPS is off	On	UPS is turned off
Off	On	UPS powered	Off	UPS is powering the Point Server
Off	Off	UPS powered off	Off	UPS is either off or the UPS power has been exhausted

Analog Sensor Value

0 % – UPS is turned off

Between 100% and 50% - line powered

Greater than 0% and less than 50% - UPS powered

Less than 35% - less than 1 hour of UPS power left.

You can set your event and alarm points to detect if the sensor is off, is UPS powered and/or is about to exhaust the UPS batteries. For the UPS powered detection, you can also set threshold-time event or alarm. For example you can set up Point Server to alarm when the power has been off for 2 hours.

Notes

1. The battery takes 20 hours to fully recharge from when the batteries were exhausted.
2. The UPS will power the Point Server for up to 4 hours (assuming the batteries are fully charged).