

Group: APC UPS Monitors**Monitor 1**

Monitor Name	APC UPS :: Advanced Battery Capacity
Monitor Type	SNMP - QA Monitor
SNMP Object Type	upsAdvBatteryCapacity
OID	1.3.6.1.4.1.318.1.1.1.2.2.1.0
Returns	The remaining percentage of battery charge. The Monitor will return a result of 100% if the battery is fully charged and running on line voltage.
Monitoring Condition	<p>Pass if greater than 85</p> <p>Monitor failure indicates that the power failure is not an intermittent or temporary problem. Further action may be required.</p>

Monitor 2

Monitor Name	APC UPS :: Advanced Output Frequency
Monitor Type	SNMP - QA Monitor
SNMP Object Type	upsAdvOutputFrequency
OID	1.3.6.1.4.1.318.1.1.1.4.2.2.0
Returns	The current output frequency of the UPS system in Hz.
Monitoring Condition	<p>Pass if greater than 55 and less than 65</p> <p>Monitor failure indicates that the power being supplied to devices is fluctuating. Devices may be susceptible to problems with receiving power at varying frequencies.</p> <p>Note: This configuration assumes that 60 Hz is nominal. Non-North American countries may have different nominal frequencies. As well, if your equipment is very sensitive, the range of acceptable values should be adjusted accordingly.</p>

Monitor 3

Monitor Name	APC UPS :: Advanced Output Voltage
Monitor Type	SNMP - QA Monitor
SNMP Object Type	upsAdvOutputVoltage
OID	1.3.6.1.4.1.318.1.1.1.4.2.1.0
Returns	The output voltage of the UPS system in VAC.
Monitoring Condition	<p>Pass if greater than 110 and less than 125</p> <p>Monitor failure indicates a problem with the voltage being supplied to end devices. There may not be enough voltage presently being provided to attached devices. As a result, devices may not operate as expected.</p>

Monitor 4

Monitor Name	APC UPS :: Advanced Output Load
Monitor Type	SNMP - QA Monitor
SNMP Object Type	upsAdvOutputLoad
OID	1.3.6.1.4.1.318.1.1.1.4.2.3.0
Returns	The current UPS load expressed in percent of rated capacity.
Monitoring Condition	<p>Pass if less than 50</p> <p>Monitor failure indicates that the percentage load attached to the UPS has been exceeded. The output load affects the running time of all components being</p>

	supplied battery power.
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Monitor 5

Monitor Name	APC UPS :: Basic Output Status (On-line)
Monitor Type	SNMP - QA Monitor
SNMP Object Type	upsBasicOutputStatus
OID	1.3.6.1.4.1.318.1.1.1.4.1.1.0
Returns	<p>The current state of the UPS:</p> <ul style="list-style-type: none"> 1 = Unknown 2 = On Line 3 = On Battery 4 = On Smart Boost 5 = Timed Sleeping 6 = Software Bypass 7 = Off 8 = Rebooting 9 = Switched Bypass 10 = Hardware Failure Bypass 11 = Sleeping Until Power Returns 12 = On Smart Trim
Monitoring Condition	<p>Pass if equal to 2</p> <p>Monitor failure indicates that the UPS is not supplying line voltage to any attached devices.</p>

Monitor 6

Monitor Name	APC UPS :: Basic Time on Battery
Monitor Type	SNMP - QA Monitor
SNMP Object Type	upsBasicBatteryTimeOnBattery
OID	1.3.6.1.4.1.318.1.1.1.2.1.2.0
Returns	The elapsed time since the UPS has switched to battery power. This value is reported in 100ths of a second.
Monitoring Condition	<p>Pass if less than or equal to 12000</p> <p>Monitor failure indicates that the UPS has been supplying battery power to attached devices for longer than 2 minutes.</p>

Monitor 7

Monitor Name	APC UPS :: Battery Status
Monitor Type	SNMP - QA Monitor
SNMP Object Type	upsBasicBatteryStatus
OID	1.3.6.1.4.1.318.1.1.1.2.1.1.0
Returns	<p>The status of the UPS batteries:</p> <ul style="list-style-type: none"> 1 = Unknown 2 = Battery Normal 3 = Battery Low <p>Note: The enumeration 'Battery Low' (3) indicates that the UPS will be unable to sustain the current load, and its services will be lost if power is not restored.</p>
Monitoring Condition	<p>Pass if equal to 2</p> <p>Monitor failure indicates that the battery status is either 'Unknown' (communication with the UPS has been lost) or that the battery is running low and will turn off shortly. This is used as a final warning condition.</p>

Monitor 8

Monitor Name	APC UPS :: Replace Battery
Monitor Type	SNMP - QA Monitor
SNMP Object Type	upsAdvBatteryReplaceIndicator
OID	1.3.6.1.4.1.318.1.1.1.2.2.4.0
Returns	Indicates whether the UPS batteries need to be replaced: 1 = Batteries do not need replacing 2 = Batteries need replacing
Monitoring Condition	Pass if not equal to 2 Monitor failure indicates that there is a UPS battery that needs to be changed. The UPS may not perform as desired should a power failure occur.