



OIDs Related to UPS Status and Control

| Object OID | OID Name | Note |
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| UPS Identification | | |
| .1.3.6.1.4.1.3808.1.1.1 .1.1.1 | upsBaselentModel | The UPS model name. (String) |
| .1.3.6.1.4.1.3808.1.1.1 .1.1.2 | upsBaselentName | The UPS identified name could be set by the administrator. (String) |
| .1.3.6.1.4.1.3808.1.1.1 .1.2.1 | upsAdvancelentFirmwareRevision | The UPS firmware revision. (String) |
| .1.3.6.1.4.1.3808.1.1.1 .1.2.3 | upsAdvancelentSerialNumber | The UPS serial number in the internal microprocessor. (String) |
| .1.3.6.1.4.1.3808.1.1.1 .1.2.4 | upsAdvancelentAgentFirmwareRevision | The SNMP agent firmware revision. (String) |
| .1.3.6.1.4.1.3808.1.1.1 .1.2.5 | upsAdvancelentLCDFirmwareVersion | The revision number of the UPS LCD firmware. (String) |
| .1.3.6.1.4.1.3808.1.1.1 .1.2.6 | upsAdvancelentPowerRating | unit: VA |
| .1.3.6.1.4.1.3808.1.1.1 .1.2.7 | upsAdvancelentLoadPower | unit: Watt |
| .1.3.6.1.4.1.3808.1.1.1 .1.2.8 | upsAdvancelentCurrentRating | unit: A |

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| .1.3.6.1.4.1.3808.1.1.1 .1.2.9 | upsAdvanceldentAgentSerialN umber | The UPS serial number.(String) |
| UPS Battery | | |
| .1.3.6.1.4.1.3808.1.1.1 .2.1.1 | upsBaseBatteryStatus | reply can be: unknown (1) , batteryNormal (2) , batteryLow (3) , batteryNotPresent (4) |
| .1.3.6.1.4.1.3808.1.1.1 .2.1.2 | upsBaseBatteryTimeOnBattery | Format: hour, minute, second |
| .1.3.6.1.4.1.3808.1.1.1 .2.1.3 | upsBaseBatteryLastReplaceDa te | Format: mm/dd/yy (String) |
| .1.3.6.1.4.1.3808.1.1.1 .2.1.4 | upsBaseBatteryAgeRecomman d | Period of use of UPS battery. (unit : month) |
| .1.3.6.1.4.1.3808.1.1.1 .2.2.1 | upsAdvanceBatteryCapacity | unit: % |
| .1.3.6.1.4.1.3808.1.1.1 .2.2.2 | upsAdvanceBatteryVoltage | unit: 1/10V |
| .1.3.6.1.4.1.3808.1.1.1 .2.2.3 | upsAdvanceBatteryTemperatur e | unit: Celcius |
| .1.3.6.1.4.1.3808.1.1.1 .2.2.4 | upsAdvanceBatteryRunTimeRe maining | Format: hour, minute, second |
| .1.3.6.1.4.1.3808.1.1.1 .2.2.5 | upsAdvanceBatteryReplaceIndi cator | reply can be: noBatteryNeedsRepla cing (1) , batteryNeedsReplaci ng (2) |
| .1.3.6.1.4.1.3808.1.1.1 .2.2.8 | upsAdvanceBatteryVoltageRati ng | unit: V |

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| .1.3.6.1.4.1.3808.1.1.1 .2.2.9 | upsAdvanceBatteryLife | UPS battery life. |
| UPS Input Status | | |
| .1.3.6.1.4.1.3808.1.1.1 .3.1.1 | upsBaseInputPhase (Phase Number) | unit: 1 |
| .1.3.6.1.4.1.3808.1.1.1 .3.2.1 | upsAdvanceInputLineVoltage | unit: 1/10V |
| .1.3.6.1.4.1.3808.1.1.1 .3.2.2 | upsAdvanceInputMaxLineVoltage | unit: 1/10V |
| .1.3.6.1.4.1.3808.1.1.1 .3.2.3 | upsAdvanceInputMinLineVoltage | unit: 1/10V |
| .1.3.6.1.4.1.3808.1.1.1 .3.2.4 | upsAdvanceInputFrequency | unit: 1/10Hz |
| .1.3.6.1.4.1.3808.1.1.1 .3.2.5 | upsAdvanceInputLineFailCause | reply can be: noTransfer (1) , highLineVoltage (2) , brownout (3) , selfTest (4) |
| .1.3.6.1.4.1.3808.1.1.1 .3.2.6 | upsAdvanceInputStatus | reply can be: normal (1) , overVoltage (2) , underVoltage (3) , frequencyFailure (4) , blackout (5) |
| UPS Output Status | | |
| .1.3.6.1.4.1.3808.1.1.1 .4.1.1 | upsBaseOutputStatus (ups output status) | reply can be: unknown (1) , onLine (2) , onBattery (3) , onBoost (4) , |

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| | | onSleep (5), off (6), rebooting (7) |
| .1.3.6.1.4.1.3808.1.1.1 .4.1.2 | upsBaseOutputPhase (Phase Number) | unit: 1 |
| .1.3.6.1.4.1.3808.1.1.1 .4.1.3 | upsBaseOutputWorkingFreque ncy | unit: Hz (String) |
| .1.3.6.1.4.1.3808.1.1.1 .4.2.1 | upsAdvanceOutputVoltage | unit: 1/10V |
| .1.3.6.1.4.1.3808.1.1.1 .4.2.2 | upsAdvanceOutputFrequency | unit: 1/10Hz |
| .1.3.6.1.4.1.3808.1.1.1 .4.2.3 | upsAdvanceOutputLoad | unit: % |
| .1.3.6.1.4.1.3808.1.1.1 .4.2.4 | upsAdvanceOutputCurrent | unit: 0.1A |
| .1.3.6.1.4.1.3808.1.1.1 .4.2.5 | upsAdvanceOutputPower | unit: Watt |
| .1.3.6.1.4.1.3808.1.1.1 .4.2.6 | upsAdvanceOutputEnergy | |
| .1.3.6.1.4.1.3808.1.1.1 .4.2.7 | upsAdvanceOutputEnergyStart Time | |
| UPS Configuration | | |
| .1.3.6.1.4.1.3808.1.1.1 .5.1.2.1.1 | deviceIndex | (1~255) |
| .1.3.6.1.4.1.3808.1.1.1 .5.1.2.1.2 | deviceName | Device(outlet) name. |
| .1.3.6.1.4.1.3808.1.1.1 .5.1.2.1.3 | vaRating | VA value of each device. |

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| .1.3.6.1.4.1.3808.1.1.1 .5.1.2.1.4 | acceptThisDevice | reply (or set) can be: yes (1) , no (2) |
| .1.3.6.1.4.1.3808.1.1.1 .5.2.1 | upsAdvanceConfigRatedOutputVoltage | unit: V |
| .1.3.6.1.4.1.3808.1.1.1 .5.2.2 | upsAdvanceConfigHighTransferVolt | unit: V |
| .1.3.6.1.4.1.3808.1.1.1 .5.2.3 | upsAdvanceConfigLowTransferVolt | unit: V |
| .1.3.6.1.4.1.3808.1.1.1 .5.2.4 | upsAdvanceConfigAlarm | reply (or set) can be: timed (1) , enable (2) , disable (3) , mute (4) |
| .1.3.6.1.4.1.3808.1.1.1 .5.2.6 | upsAdvanceConfigMinReturnCapacity | |
| .1.3.6.1.4.1.3808.1.1.1 .5.2.7 | upsAdvanceConfigSensitivity | reply (or set) can be: auto (1) , low (2) , medium (3) , high (4) |
| .1.3.6.1.4.1.3808.1.1.1.5 .2.9 | upsAdvanceConfigReturnDelay | Format: hour, minute, second |
| .1.3.6.1.4.1.3808.1.1.1 .5.2.10 | upsAdvanceConfigShutoffDelay | Format: hour, minute, second |
| .1.3.6.1.4.1.3808.1.1.1 .5.2.11 | upsAdvanceConfigSleepDelay | Format: hour, minute, second |
| .1.3.6.1.4.1.3808.1.1.1 .5.2.13 | upsAdvanceConfigAutoRestore | reply (or set) can be: disable (1) , enable (2) |
| .1.3.6.1.4.1.3808.1.1.1 .5.2.14 | upsAdvanceConfigRechargedCapacity | unit: % |

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| .1.3.6.1.4.1.3808.1.1.1.5.2.15 | upsAdvanceConfigColdStart | reply (or set) can be: disable (1) , enable (2) |
| .1.3.6.1.4.1.3808.1.1.1.5.2.16 | upsAdvanceConfigDeepDischargeProtection | 0, 20, 40, 60 |
| .1.3.6.1.4.1.3808.1.1.1.5.2.17 | upsAdvanceConfigSleepAfterAllClientShut | reply (or set) can be: disable (1) , enable (2) |
| .1.3.6.1.4.1.3808.1.1.1.5.2.18 | upsAdvanceConfigLowBatteryThreshold | Low Battery Capacity. |
| .1.3.6.1.4.1.3808.1.1.1.5.2.19 | upsAdvanceConfigEnergyReset | |
| .1.3.6.1.4.1.3808.1.1.1.5.2.20 | upsAdvanceConfigBatteryRuntimeThreshold | |
| UPS Control | | |
| .1.3.6.1.4.1.3808.1.1.1.6.2.1 | upsAdvanceControlUpsOff | reply (or set) can be: noTurnUpsOff (1) , turnUpsOff (2) , turnUpsOffGracefully (3) |
| .1.3.6.1.4.1.3808.1.1.1.6.2.2 | upsAdvanceControlRebootUps | reply (or set) can be: noRebootUps (1) , rebootUps (2) |
| .1.3.6.1.4.1.3808.1.1.1.6.2.3 | upsAdvanceControlUpsSleep | reply (or set) can be: noPutUpsToSleep (1) , putUpsToSleep (2) , putUpsToSleepGracefully (3) |

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| .1.3.6.1.4.1.3808.1.1.1 .6.2.5 | upsAdvanceControlFlashAndBeep | reply (or set) can be: noFlashAndBeep (1) , flashAndBeep (2) |
| .1.3.6.1.4.1.3808.1.1.1 .6.2.6 | upsAdvanceControlTurnOnUPS | reply (or set) can be: noTurnOnUPS (1) , turnOnUPS (2) |
| UPS Test | | |
| .1.3.6.1.4.1.3808.1.1.1 .7.2.2 | upsAdvanceTestDiagnostics | reply (or set) can be: noTestDiagnostics (1) , testDiagnostics (2) |
| .1.3.6.1.4.1.3808.1.1.1 .7.2.3 | upsAdvanceTestDiagnosticsResults | reply can be: ok (1) , failed (2) , invalidTest (3) , testInProgress (4) |
| .1.3.6.1.4.1.3808.1.1.1 .7.2.4 | upsAdvanceTestLastDiagnosticsDate | Format: mm/dd/yy (String) |
| .1.3.6.1.4.1.3808.1.1.1 .7.2.6 | upsAdvanceTestRuntimeEstimation | reply (or set) can be: noPerformCalibration (1) , performCalibration (2) , cancelCurrentCalibration (3) |
| .1.3.6.1.4.1.3808.1.1.1 .7.2.7 | upsAdvanceTestEstimationResults | reply can be: ok (1) , invalidCalibration (2) , calibrationInProgress (3) |
| .1.3.6.1.4.1.3808.1.1.1 .7.2.8 | upsAdvanceTestEstimationDate | Format: mm/dd/yy (String) |

| UPS Bank Outlet | | |
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| .1.3.6.1.4.1.3808.1.1.1 .8.1.1.1.2 | upsBankControlOutletCommand | reply (or set) can be: immediateOn (1), immediateOff (2), bankNotExist (3), criticalBank (4) |
| UPS Phase | | |
| .1.3.6.1.4.1.3808.1.1.1 .9.1.2.1.2 | upsPhaseInputVoltage | unit: 1/10V |
| .1.3.6.1.4.1.3808.1.1.1 .9.1.2.1.3 | upsPhaseInputCurrent | unit: 1/10A |
| .1.3.6.1.4.1.3808.1.1.1 .9.1.2.1.4 | upsPhaseInputFrequency | unit: 1/10Hz |
| .1.3.6.1.4.1.3808.1.1.1 .9.1.2.1.5 | upsPhaseInputPowerFactor | unit: 1/100 |
| .1.3.6.1.4.1.3808.1.1.1 .9.2.2.1.2 | upsPhaseOutputVoltage | unit: 1/10V |
| .1.3.6.1.4.1.3808.1.1.1 .9.2.2.1.3 | upsPhaseOutputCurrent | unit: 1/10A |
| .1.3.6.1.4.1.3808.1.1.1 .9.2.2.1.4 | upsPhaseOutputFrequency | unit: 1/10Hz |
| .1.3.6.1.4.1.3808.1.1.1 .9.2.2.1.5 | upsPhaseOutputPowerFactor | unit: 1/100 |
| .1.3.6.1.4.1.3808.1.1.1 .9.2.2.1.6 | upsPhaseOutputPower | unit: 1/10kVAr |
| .1.3.6.1.4.1.3808.1.1.1 .9.3.2.1.2 | upsPhaseBypassVoltage | unit: 1/10V |

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| .1.3.6.1.4.1.3808.1.1.1 .9.3.2.1.3 | upsPhaseBypassCurrent | unit: 1/10A |
| .1.3.6.1.4.1.3808.1.1.1 .9.3.2.1.4 | upsPhaseBypassFrequency | unit: 1/10Hz |
| .1.3.6.1.4.1.3808.1.1.1 .9.3.2.1.5 | upsPhaseBypassPowerFactor | unit: 1/100 |
| UPS System | | |
| .1.3.6.1.4.1.3808.1.1.1 .10.1 | upsStatus | reply (or set) can be: normal (1) , overheat (2) , hardwarefault (3) |
| .1.3.6.1.4.1.3808.1.1.1 .10.2 | upsTemperature | unit: 1°C / 1°F |
| Remote Restart RMCARD | | |
| .1.3.6.1.4.1.3808.2.1.1 | mconfigNumTrapAccepters | Number of max trap receivers. |
| .1.3.6.1.4.1.3808.2.1.2 | mconfigTrapAcceptorTable | trap acceptor table |
| .1.3.6.1.4.1.3808.2.1.3 | mconfigDHCPEnabled | reply (or set) can be: yes (1) , no (2) |
| .1.3.6.1.4.1.3808.2.1.4 | mconfigMyAddr | IP Address of RMCARD |
| .1.3.6.1.4.1.3808.2.1.5 .1 | mconfigClockDate | RMCARD System Date (String) |
| .1.3.6.1.4.1.3808.2.1.5 .2 | mconfigClockTime | RMCARD System Time (String) |
| .1.3.6.1.4.1.3808.2.3.1 | mcontrolRestart | reply (or set) can be: none (1) , restartCurrentSystem (2) , |

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| | | restartCurrentAgent (3), restartCurrentSystem AndAgent (4) |
| .1.3.6.1.4.1.3808.2.3.2 | mcontrolReset | reply (or set) can be: none (1), resetCurrentSystem (2), resetCurrentAgent (3), resetCurrentSystemA ndAgent (4) |