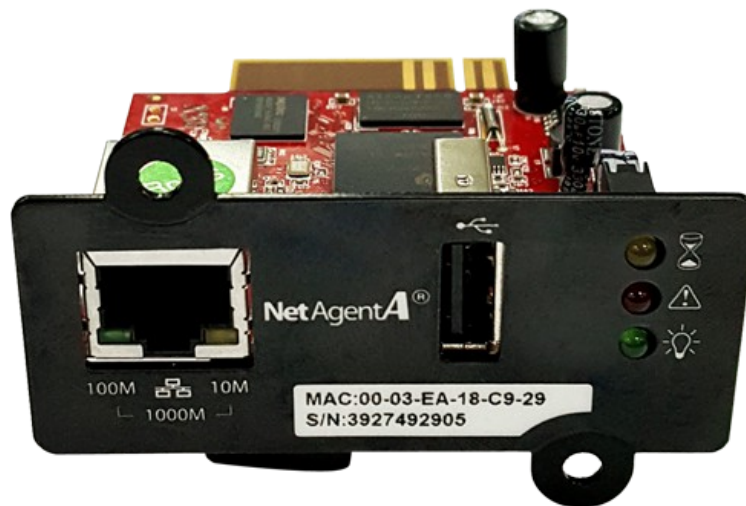


MAC-MRT & SNMP-DA807

Test Report

SNMP - DA807 (mini)



Corporation : MEGATEC CO, LTD

Product Hardware : DA807

Product Firmware : 3.6.DA806.PCM

Product Appearance : Mini size

Compatible : Powercom MAC / MRT series

A1. Information >> UPS Status >> Utility Power

NetAgentA

Latest Events
 [02:44:44] Utility power has been restored.
 [02:44:10] UPS has switched to battery power.
 [02:29:31] UPS has switched to battery power.

UPS Status
?

| | | |
|-----------------------|------------------------|------------------------------|
| Voltage Rating: 230.0 | Frequency Rating: 60.0 | Battery Voltage Rating: 0.00 |
|-----------------------|------------------------|------------------------------|

| | |
|-----------------------|------------|
| UPS Manufacturer: | UPS |
| UPS Firmware Version: | Ver R u n |
| UPS Model: | Tower-1000 |

Battery Status

| | |
|-------------------------|-------------------|
| External Battery Status | |
| Temperature | 27.0 C (80.6 F) |
| Battery Status | Battery Normal |
| Battery Capacity | 94 % |
| Battery Voltage | 27.1 |

A2. Information >> UPS Status >> Battery Power

NetAgentA

Latest Events
 [02:52:33] UPS has switched to battery power.
 [02:44:44] Utility power has been restored.
 [02:44:10] UPS has switched to battery power.

UPS Status
?

Voltage Rating: 230.0
Frequency Rating: 60.0
Battery Voltage Rating: 0.00

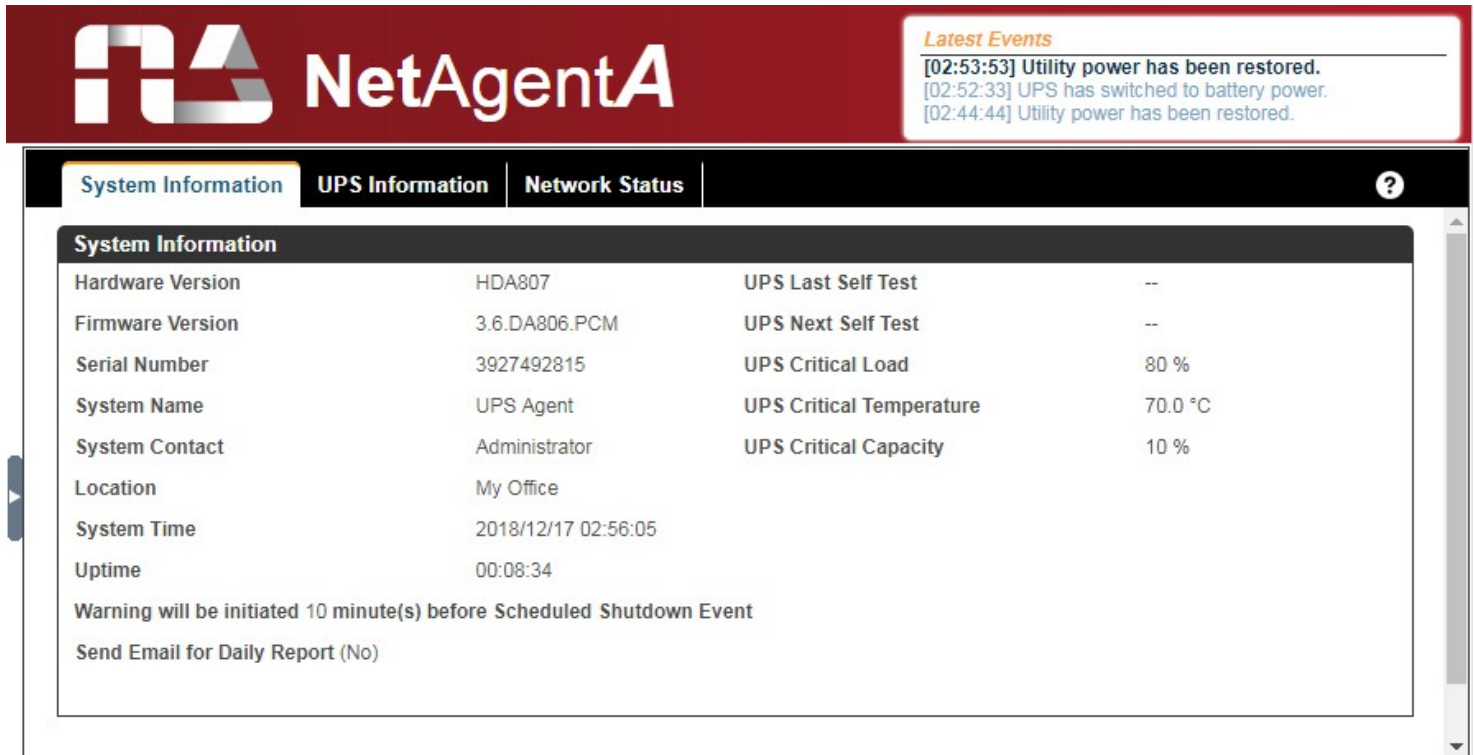
| | |
|-----------------------|------------|
| UPS Manufacturer: | UPS |
| UPS Firmware Version: | Ver R u n |
| UPS Model: | Tower-1000 |

00:00:11

Input Status

| | | | |
|-------------------------|------------|-------------------------|---------|
| AC Status | On Battery | | |
| Input Line Voltage | 0.0 V | Input Max. Line Voltage | 214.0 V |
| Input Min. Line Voltage | 0.0 V | Input Frequency | 0.0 Hz |

B1. Information System Status >> System Information



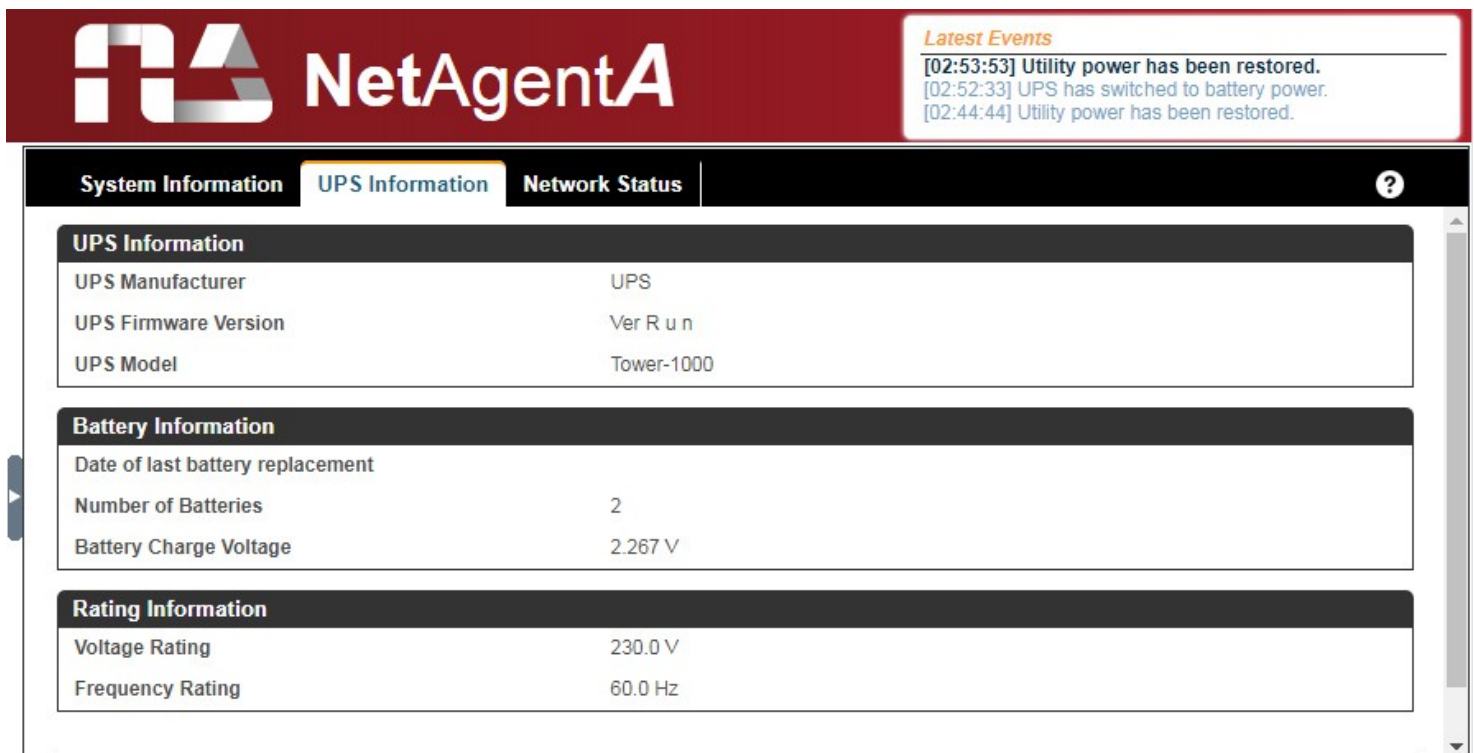
NetAgentA

Latest Events
 [02:53:53] Utility power has been restored.
 [02:52:33] UPS has switched to battery power.
 [02:44:44] Utility power has been restored.

System Information | UPS Information | Network Status

| System Information | | | |
|--|---------------------|--------------------------|---------|
| Hardware Version | HDA807 | UPS Last Self Test | -- |
| Firmware Version | 3.6.DA806.PCM | UPS Next Self Test | -- |
| Serial Number | 3927492815 | UPS Critical Load | 80 % |
| System Name | UPS Agent | UPS Critical Temperature | 70.0 °C |
| System Contact | Administrator | UPS Critical Capacity | 10 % |
| Location | My Office | | |
| System Time | 2018/12/17 02:56:05 | | |
| Uptime | 00:08:34 | | |
| Warning will be initiated 10 minute(s) before Scheduled Shutdown Event | | | |
| Send Email for Daily Report (No) | | | |

B2. Information >> System Status >> UPS Information



NetAgentA

Latest Events
 [02:53:53] Utility power has been restored.
 [02:52:33] UPS has switched to battery power.
 [02:44:44] Utility power has been restored.

System Information | **UPS Information** | Network Status

| UPS Information | |
|----------------------|------------|
| UPS Manufacturer | UPS |
| UPS Firmware Version | Ver R u n |
| UPS Model | Tower-1000 |

| Battery Information | |
|----------------------------------|---------|
| Date of last battery replacement | |
| Number of Batteries | 2 |
| Battery Charge Voltage | 2.267 V |

| Rating Information | |
|--------------------|---------|
| Voltage Rating | 230.0 V |
| Frequency Rating | 60.0 Hz |

CC. Information >> Remote Control

NetAgentA

Latest Events
[02:59:27] UPS internal self-test complete.
[02:59:02] UPS self-test start
[02:53:53] Utility power has been restored.

Remote Control ?


UPS Testing

- 10-Second Test
- Deep Battery Test for minute(s)
- Test until battery capacity below %
- Test Until Battery Low
- Cancel Test

Miscellaneous

- Turn off UPS when AC power Fails
- Put UPS in Sleep mode for minute(s)
- Wake up UPS
- Reboot UPS
- UPS Buzzer On/Off
- UPS Outlet1 ON
- UPS Outlet1 OFF
- UPS Outlet2 ON
- UPS Outlet2 OFF
- UPS Bypass ON
- UPS Bypass OFF
- UPS High Efficiency 10% ON
- UPS High Efficiency 15% ON
- UPS High Efficiency OFF

DD. Configuration >> SNMP



Latest Events
[02:59:27] UPS internal self-test complete.
[02:59:02] UPS self-test start
[02:53:53] Utility power has been restored.

- General
- Access Control
- Trap Notification
- Device Connected

MIB System

| | |
|-----------------|--|
| System Name | <input type="text" value="UPS Agent"/> |
| System Contact | <input type="text" value="Administrator"/> |
| System Location | <input type="text" value="My Office"/> |

SNMP UDP Port

| | |
|--------------------|----------------------------------|
| NetAgent SNMP Port | <input type="text" value="161"/> |
| Trap Receive Port | <input type="text" value="162"/> |

SNMPv3 Engine ID

| | |
|--------------------------------|---|
| SNMPv3 Engine ID Format Type * | <input type="text" value="MAC Address"/> |
| SNMPv3 Engine ID Text | <input type="text" value="80003461030003ea18c8cf"/> |

* : System will reboot when these items have been Applied.

iReasoning MIB Browser

File Edit Operations Tools Bookmarks Help

Address: 10.192.171.137 Advanced... OID: 1.3.6.1.4.1.935.1.1.1.3.1.1.0 Operations: Walk Go

SNMP MIBs

MIB Tree

- iso.org.dod.internet.private.enterprises.ppc
 - products
 - hardware
 - ups
 - upsIdentp
 - upsBatteryp
 - upsInputp
 - upsBaseInput
 - upsBaseInputPhase**
 - upsSmartInput
 - upsOutputp
 - upsConfigp
 - upsControlp
 - upsTestp
 - upsThreePhase
 - upsEnvironment
 - ppcmgmt
 - mconfig
 - mconfigTrapsReceiversNum
 - mconfigTrapsReceiversTable
 - SNMPv1 TRAPs
 - communicationLost
 - upsOverLoad
 - upsDiagnosticsFailed
 - upsDischarged
 - upsOnBattery
 - boostOn
 - lowBattery
 - communicationEstablished
 - powerRestored
 - upsDiagnosticsPassed
 - returnFromLowBattery
 - upsTurnedOff

Result Table

| Name/OID | Value | Type | IP-Port |
|--------------------------------------|-------------------|-------------|-----------------|
| upsBaseIdentModel.0 | Tower-1000 | OctetString | 10.192.171.1... |
| upsBaseIdentUpsName.0 | | OctetString | 10.192.171.1... |
| upsSmartIdentFirmwareRevision.0 | Ver R u n | OctetString | 10.192.171.1... |
| upsSmartIdentDateOfManufacture.0 | | OctetString | 10.192.171.1... |
| upsSmartIdentUpsSerialNumber.0 | | OctetString | 10.192.171.1... |
| upsSmartIdentAgentFirmwareRevision.0 | 3.6.DA806.PCM | OctetString | 10.192.171.1... |
| upsBaseBatteryStatus.0 | batteryNormal (2) | Integer | 10.192.171.1... |
| upsBaseBatteryTimeOnBattery.0 | 0 | Integer | 10.192.171.1... |
| upsBaseBatteryLastReplaceDate.0 | | OctetString | 10.192.171.1... |
| upsSmartBatteryCapacity.0 | 94 | Integer | 10.192.171.1... |
| upsSmartBatteryVoltage.0 | 270 | Integer | 10.192.171.1... |
| upsSmartBatteryTemperature.0 | 280 | Integer | 10.192.171.1... |
| upsSmartBatteryRunTimeRemaining.0 | 0 | Integer | 10.192.171.1... |
| upsSmartBatteryReplaceIndicator.0 | 0 | Integer | 10.192.171.1... |
| upsSmartBatteryFullChargeVoltage.0 | 0 | Integer | 10.192.171.1... |
| upsSmartBatteryCurrent.0 | 0 | Integer | 10.192.171.1... |
| 1.3.6.1.4.1.935.1.1.1.2.2.8.0 | 1 | Integer | 10.192.171.1... |
| upsBaseInputPhase.0 | 1 | Integer | 10.192.171.1... |
| upsSmartInputLineVoltage.0 | 2130 | Integer | 10.192.171.1... |
| upsSmartInputMaxLineVoltage.0 | 2140 | Integer | 10.192.171.1... |
| upsSmartInputMinLineVoltage.0 | 2115 | Integer | 10.192.171.1... |
| upsSmartInputFrequency.0 | 600 | Integer | 10.192.171.1... |
| upsSmartInputLineFailCause.0 | noTransfer (1) | Integer | 10.192.171.1... |
| upsBaseOutputStatus.0 | onLine (2) | Integer | 10.192.171.1... |
| upsBaseOutputPhase.0 | 1 | Integer | 10.192.171.1... |
| upsSmartOutputVoltage.0 | 2300 | Integer | 10.192.171.1... |
| upsSmartOutputFrequency.0 | 600 | Integer | 10.192.171.1... |
| upsSmartOutputLoad.0 | 0 | Integer | 10.192.171.1... |
| 1.3.6.1.4.1.935.1.1.1.4.2.4.0 | 0 | Integer | 10.192.171.1... |
| 1.3.6.1.4.1.935.1.1.1.4.2.5.0 | 0 | Integer | 10.192.171.1... |
| 1.3.6.1.4.1.935.1.1.1.4.2.6.0 | 0 | Integer | 10.192.171.1... |
| upsBaseConfigNumDevices.0 | 4 | Integer | 10.192.171.1... |
| indexOfDevice.1 | 1 | Integer | 10.192.171.1... |
| indexOfDevice.2 | 2 | Integer | 10.192.171.1... |
| indexOfDevice.3 | 3 | Integer | 10.192.171.1... |
| indexOfDevice.4 | 4 | Integer | 10.192.171.1... |
| nameOfDevice.1 | | OctetString | 10.192.171.1... |
| nameOfDevice.2 | | OctetString | 10.192.171.1... |
| nameOfDevice.3 | | OctetString | 10.192.171.1... |
| nameOfDevice.4 | | OctetString | 10.192.171.1... |
| vaRatingOfDevice.1 | 0 | Integer | 10.192.171.1... |
| vaRatingOfDevice.2 | 0 | Integer | 10.192.171.1... |
| vaRatingOfDevice.3 | 0 | Integer | 10.192.171.1... |
| vaRatingOfDevice.4 | 0 | Integer | 10.192.171.1... |
| deviceAccept.1 | no (2) | Integer | 10.192.171.1... |

| | |
|---------|------------------------------|
| Name | upsBaseInputPhase |
| OID | .1.3.6.1.4.1.935.1.1.1.3.1.1 |
| MIB | XPPC-MIB |
| Syntax | INTEGER |
| Access | read-only |
| Status | mandatory |
| DefVal | |
| Indexes | |
| Descr | The current AC input phase. |

iso.org.dod.internet.private.enterprises.ppc.products.hardware.ups.upsInputp.upsBaseInput.upsBaseInputPhase.0

EE. Configuration >> Email

The screenshot shows the NetAgentA configuration interface. At the top left is the NetAgentA logo. To the right, a 'Latest Events' box lists three entries: '[03:13:48] Mail has been sent', '[03:13:25] Mail has been sent', and '[03:13:11] Mail has been sent'. Below this is a navigation bar with three tabs: 'Email Setting' (selected), 'Email for Event Log', and 'Email for Daily Report'. The main area contains a form for email configuration with the following fields: 'Email Server' (smtp.gmail.com), 'Email Port' (465), 'Enable SSL on Email Transmission' (SSL/TLS dropdown), 'Sender's Email Address' (dinow46@gmail.com), 'Email Server Requires Authentication' (YES dropdown), 'Account Name' (dinow46), 'Password' (masked with dots), and 'Sending test mail' (checkbox). A 'Test Mail' button is located to the right of the 'Sending test mail' checkbox. At the bottom right of the form area are 'Apply' and 'Reset' buttons.

The screenshot shows an email client window titled 'UPS Agent(10.192.171.137): This is a test email - 西歐語系 (ISO)'. The window has a menu bar with '檔案(F)', '編輯(E)', '檢視(V)', '工具(T)', '郵件(M)', and '說明(H)'. Below the menu bar is a toolbar with icons for '回覆', '全部回覆', '轉寄', '列印', '刪除', '上一個', '下一個', and '通訊錄'. The email header information is as follows: '寄件者: dinow46@gmail.com', '日期: 2018年12月17日 上午 11:17', '收件者: dinow@upspowercom.com.tw', and '主旨: UPS Agent(10.192.171.137): This is a test email'. The main body of the email contains the text: 'If you received this test mail,it means that your mail settings are correct.'

FF. Log Information >> Event Log

NetAgentA

Latest Events
 [03:17:47] Mail has been sent
 [03:13:48] Mail has been sent
 [03:13:25] Mail has been sent

Event Log
?

2018

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All Events

Refresh
Today

| Sun. | Mon. | Tue. | Wed. | Thu. | Fri. | Sat. |
|---|---|---|---|---|---|---|
| 25 | 26 | 27 | 28 | 29 | 30 | 1 0 |
| 2 0 | 3 0 | 4 0 | 5 0 | 6 0 | 7 0 | 8 0 |
| 9 0 | 10 0 | 11 4 | 12 0 | 13 0 | 14 0 | 15 0 |
| | | 2 2 x ! | | | | |
| 16 0 | 17 15 | 18 0 | 19 0 | 20 0 | 21 0 | 22 0 |
| | 2 4 9 x ! i | | | | | |
| 23 0 | 24 0 | 25 0 | 26 0 | 27 0 | 28 0 | 29 0 |
| 30 0 | 31 0 | 1 | 2 | 3 | 4 | 5 |

2018-12-17 Mon.

17

Events List
Events census

[03:17:47]: Mail has been sent

[03:13:48]: Mail has been sent

[03:13:25]: Mail has been sent

[03:13:11]: Mail has been sent

[03:12:18]: Mail information incomplete.

[02:59:27]: UPS internal self-test complete.

[02:59:02]: UPS self-test start

[02:53:53]: Utility power has been restored.

[02:52:33]: UPS has switched to battery power.

[02:44:44]: Utility power has been restored.

[02:44:10]: UPS has switched to battery power.

[02:29:31]: UPS has switched to battery power.

[02:29:13]: Server address can not be resolved.

[02:20:14]: UPS communication has been lost.

[02:18:06]: UPS communication has been lost.

Latest Events

[03:17:47] Mail has been sent
[03:13:48] Mail has been sent
[03:13:25] Mail has been sent

Event Log



2018 12 All Events

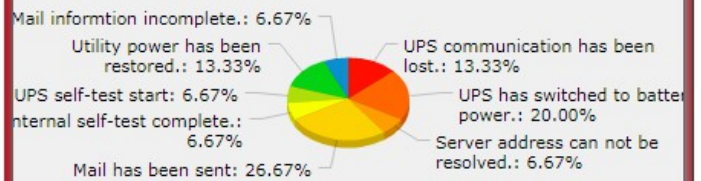
Refresh Today

| Sun. | Mon. | Tue. | Wed. | Thu. | Fri. | Sat. |
|------|------|------|------|------|------|------|
| 25 | 26 | 27 | 28 | 29 | 30 | 1 |
| 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| 16 | 17 | 18 | 19 | 20 | 21 | 22 |
| 23 | 24 | 25 | 26 | 27 | 28 | 29 |
| 30 | 31 | 1 | 2 | 3 | 4 | 5 |

2018-12-17 Mon.

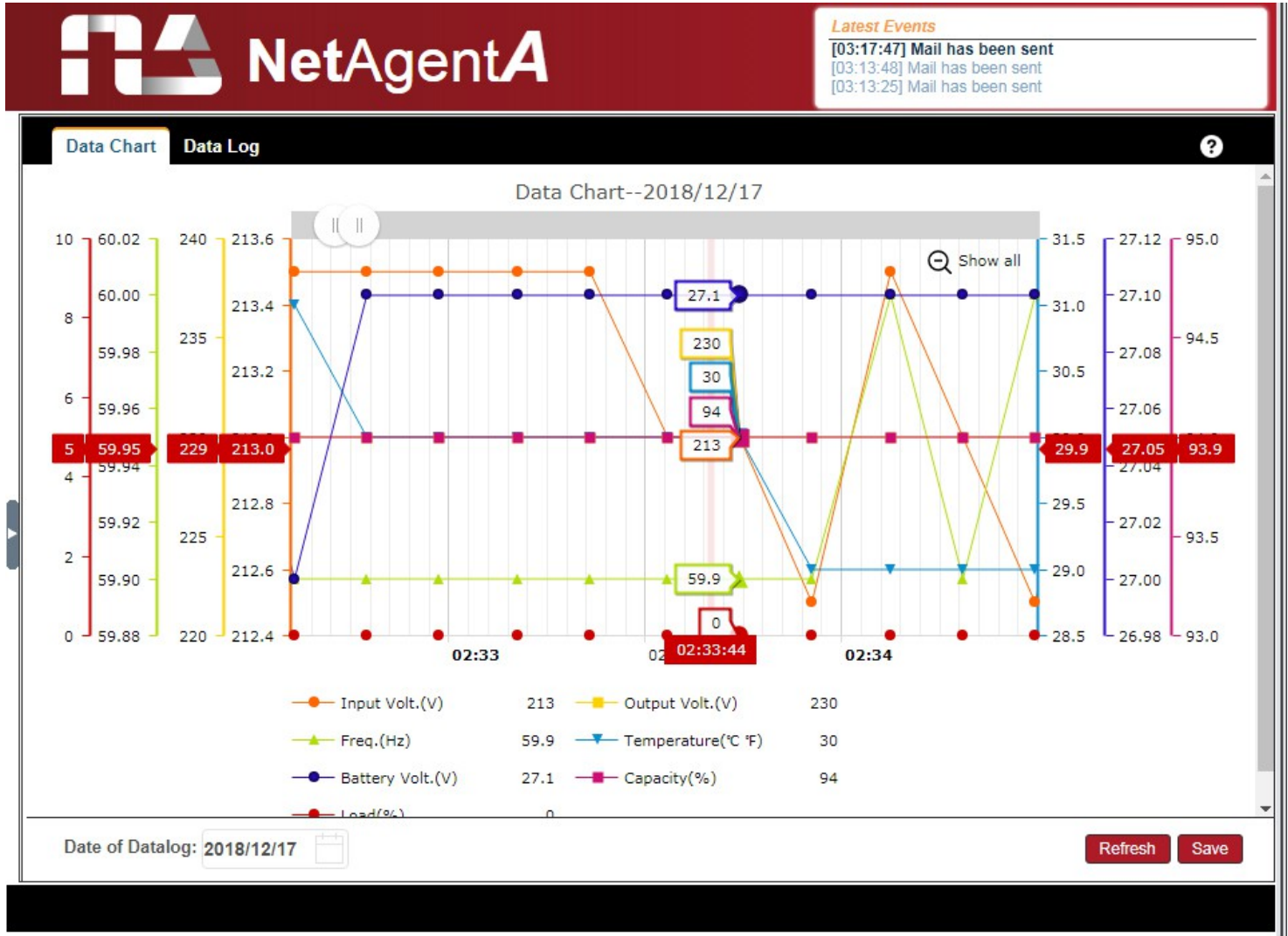
17

Events List Events census



| | |
|-------------------------------------|---|
| UPS communication has been lost. | 2 |
| UPS has switched to battery power. | 3 |
| Server address can not be resolved. | 1 |
| Mail has been sent | 4 |
| UPS internal self-test complete. | 1 |
| UPS self-test start | 1 |
| Utility power has been restored. | 2 |
| Mail information incomplete. | 1 |

GG. Log Information >> Data Log



II. UPSMON PRO Support

The screenshot displays the UPSMON PRO V2.46 software interface. At the top, there are three status indicators: Power Source (represented by a leaf icon), Battery Capacity (represented by a battery icon with green bars), and Load Level (represented by a scale icon). The main title 'UPSMON PRO' is prominently displayed on the right side of the header.

On the left side, there is a vertical navigation menu with the following options: Monitor System, Current Status, UPS Event Log, UPS Data Log, Configuration, UPS Connect, Shutdown Setup, Email Notification, UPS Control, UPS Schedule, and Help and Support. A 'USER MANUAL' icon is also present at the bottom of this menu.

The central area shows a list of monitoring parameters with their corresponding values and units:

| Parameter | Value | Unit |
|------------------|---------|------|
| Power Status | | |
| AC Utility Power | 212 | (V) |
| Input Voltage | 230 | (V) |
| Output Voltage | 60 | (Hz) |
| Input Frequency | | |
| Battery Status | Normal | |
| Battery Capacity | 96 | (%) |
| Battery Voltage | 27.1 | (V) |
| UPS Status | ON-Line | |
| UPS Load | 7 | (%) |
| UPS Temperature | 28 | (C) |

At the bottom of the interface, a status message reads: "The UPS is working normally".