



## UPS Network Management Card Release Notes v1.3.1

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# General

## Tested Application Compatibility

<i>Application</i>	<i>Support</i>	<i>Known Limitations</i>
mPower	v1.0.1	
SmartZone Cloud	v3.3.1.48	

## Released Production Files

### Product Upgrade

#### *Image Information*

Filename: ups-nmc-v1.3.1-release.bin

Version: v1.3.1

CRC32: A0C453AE

SHA256: 8DBFBB50E6E32AC6FD8164F8AA2EA88AD1BC5F4C9B881E07D1B7827592DA022D

Filesize: 1605184 bytes

### Upgrade Note.

Updating to v1.3.1 from a prior version deletes all data log entries. Export the data log before updating to keep the data log.

# New Features

New Features added in version v1.3.1

# Resolved Issues

## Issues resolved by version v1.3.1

Issue ID	Title
UNMC-223	Data log entries too small
UNMC-359	When searching for a timestamp in any table that has a timestamp, the user cannot search by letter part.
UNMC-398	Ambient Temperature is not converted to Fahrenheit in the CLI or SNMP when the system is converted to Fahrenheit
UNMC-407	Cannot disable humidity sensor critical threshold alarms via SNMP
UNMC-420	status.phaseOutput CLI readings incorrect
UNMC-421	Bypass Frequency and Voltage readings on CLI & snmp: 120V/60Hz for EU unit are not correct.
UNMC-456	Cannot set all UPS Main Output Modes. Only NOR and ECO switch unit.
UNMC-513	Cannot write sysContact.0, sysName.0, sysLocation.0 via SNMP
UNMC-534	Disabled 'Actions' Menu Items can be clicked & the corresponding dialog launched
UNMC-549	'Sensor Name' of the Environmental sensor gets appended to the 'Serial Number' when plugged into the UPS device
UNMC-563	Mismatch in Date/Time format between CLI and SNMP for buildDate
UNMC-566	Conflict between Outlet Group Control and Scheduled Shutdown - Group 2 outlet remain On, while WebUI displays them as Off - system reverts to Bypass mode if trying to change Power Control.
UNMC-629	If there is no battery plugged in to a 5-10kVA UPS - WebUI shows Battery OK, CLI shows status as Normal

# Outstanding Issues

## New Issues

The following reported problems have been found since the previous release and are still outstanding in this release.

<i>Issue ID</i>	<i>Title</i>	<i>Version</i>	<i>Status</i>
UNMC-601	Configuration upload does not show completion with WiFi network	v1.3.1	Deferred
UNMC-621	SMTP retry and time interval settings not working	v1.3.1	Deferred
UNMC-637	Unable to login to the NMC via web or cli after default to the factory	v1.3.1	Deferred
UNMC-648	When DHCP or DHCPv6 goes from providing more than 0 NTP servers to providing zero NTP servers, the previous DHCP provided NTP servers are left in use	v1.3.1	Deferred
UNMC-650	Autoconfigured IPv6 address is not unlearned when configuration settings are changed to Static/Blank address - IPv6 must be disabled and then re-enabled to unlearn address	v1.3.1	Deferred
UNMC-656	3P Parallel Setup - Setting a unit in to Bypass through WebUI that is connected in Parallel disables output (May only affect : LCD v021B000, M v031B000, INV v021B000)	v1.3.1	Deferred
UNMC-657	Changing Output voltage from WebUI requires INV to be off (Bypass Mode) first.	v1.3.1	Deferred
UNMC-658	Changing Battery Install Date from WebUI did not change date on UPS Display. Dates between Display and WebUI do not match.	v1.3.1	Deferred
UNMC-662	Power Flow: does not switch from None to Bypass when input power is restored	v1.3.1	Deferred

- UNMC-601** When the NMC web UI is connected via Wi-Fi network, uploading the configuration does not show it is uploaded even though the configuration upload is complete.
- Workaround: None
- UNMC-621** When the SMTP server is not accessible, the email is sent only once after the time interval set regardless of the number of retries set on the configuration.
- Workaround: None
- UNMC-637** Resetting to the factory default from the web UI sometimes does not work and web UI blocks any user credential.
- Workaround: Reset to the factory default by pressing the physical reset button for 20 seconds.
- UNMC-648** When DHCP stops providing NTP server after providing 1 or more, the UPS NMC continuously uses previously given NTP server.
- Workaround: None
- UNMC-650** When the UPS NMC is connected to a stateless IPv6 network, then deleting the static IPv6 address by setting it to blank does not clear its IPv6 address.
- Workaround: Disable and reenabale IPv6
- UNMC-656** When the UPS is running in parallel mode and set to bypass mode, the output is disabled. This only affects 10-20k UPS version M031IR001I021 and prior versions.
- Workaround: None
- UNMC-657** Changing output voltage requires the inverter to be turned off. The NMC does not alert this message and the output voltage does not change.
- Workaround: Turn the inverter off by setting the UPS in bypass mode before changing the output voltage
- UNMC-658** The battery installation date does not match the UPS display. The UPS display has the correct installation date.
- Workaround: Use only the UPS display change the date.

**UNMC-662** When the UPS is in battery mode and set to bypass from the UPS display, the output power is disabled. Applying the input power switches the UPS to the normal mode instead of previously running bypass mode.

Workaround: None

## Existing Issues

The following reported problems were found prior to the previous release and are still outstanding.

<i>Issue ID</i>	<i>Title</i>	<i>Version</i>	<i>Status</i>
UNMC-244	Need to add some type of filtering to the environmental sensors.	v1.1.2	Deferred
UNMC-249	Multiple SNMP v3 users can be created with the same user name	v1.1.2	Deferred
UNMC-303	Startup state of outlets always defaults to ON no matter "outletGroupStateOnStartup"	v1.1.2	Deferred
UNMC-405	cfgOutputPower does not change from default 600	V1.1.2	Deferred
UNMC-442	Alarms visible on display, not on the NMC	v1.1.2	Deferred
UNMC-479	NMC sends out email with "0.0.0.0" address.	v1.1.3	Deferred
UNMC-515	Li-LI : selecting GEN mode from WebUI does not put the unit in to GEN mode on initial boot. Once the unit is put in to GEN mode through modbus (Modpoll), then the WebUI allows the unit to set between NOR and GEN modes.	v1.2.2	Deferred
UNMC-539	Missing Environmental Sensors showing data Value, Thresholds page showing disconnected sensors / values	v1.2.2	Deferred
UNMC-547	NMC for 1-3kVA: Incorrect Input Current through CLI/SNMP. Input Power is likely not measured in these units, so the CLI/SNMP reading is also static.	v1.2.2	Deferred
UNMC-561	'Battery Temperature' is in Celsius in the downloaded data log CSV file when web ui is set to Fahrenheit.	v1.2.2	Deferred
UNMC-568	5-10kVA - When unit is in Bypass and input voltage is abnormal (output disabled), WebUI shows Normal power flow diagram, no alarms.	v1.2.2	Deferred
UNMC-581	NMC 5-10kVA -- Timed and Full Discharge Manual Battery Tests as set on NMC only lasted about 15 seconds.	v1.2.2	Deferred
UNMC-583	NMC 5-10kVA Enabling/Disabling audible alarm from the LCD did NOT update the status on the WebUI	v1.2.2	Deferred
UNMC-584	Unsupported operation mode is shown on Line interactive UPS.	v1.2.2	Deferred
UNMC-586	Event and Data log file cannot be downloaded using MacOS Safari browser	v1.2.2	Deferred

- UNMC-244** The sensor alarm may sometimes trigger and clears itself.  
Workaround: None
- UNMC-249** If there are more than one SNMPv3 entry with the same username, the user may not be able to perform SNMP requests.  
Workaround: Use unique SNMPv3 usernames.
- UNMC-303** When outletGroupStateOnStartup is set to 'off' from SNMP and the UPS is restarted, the outlet will be turned on.  
Workaround: None
- UNMC-405** cfgOutputPower always reports 600W over SNMP.  
Workaround: None
- UNMC-442** Some alarm conditions that can be seen on the LCD are not listed on the network controller.  
Workaround: None
- UNMC-479** The NMC may send an event email with an IP address of 0.0.0.0 in the email subject line.  
Workaround: None
- UNMC-515** When GEN mode selected from the web UI, the line interactive UPS may stay in normal mode.  
Workaround: Use the display to change to GEN mode.
- UNMC-539** When the environment sensors are removed, the web UI may display the value of the sensor and show the status as 'OK' instead of 'MISSING.'  
Workaround: None
- UNMC-547** The input current for 1-3kVA UPS is not correctly reported over SNMP and CLI.  
Workaround: None
- UNMC-561** The downloaded data log displays the battery temperature in Celsius even though the system is set to display the temperature in Fahrenheit.

Workaround: None

**UNMC-568** When the UPS is set to bypass mode and the voltage goes below the normal range, the NMC web UI shows the normal power flow diagram.

Workaround: None

**UNMC-581** Timed and full discharge manual battery does not test given timed amount or fully.

Workaround: None

**UNMC-583** When the audible alarm setting is changed on the display, it does not get reflected to the NMC Web UI.

Workaround: None

**UNMC-584** Line Interactive UPS does not support CF and ECO mode, but it is shown on the menu item.

Workaround: None

**UNMC-586** Clicking Event and Data log download button does not respond when MacOS Safari browser is used.

Workaround: Use other browser such as Chrome or Microsoft Edge.

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## Release History

Revision	Date	Reason for Change
1.3.1	March 31, 2022	Maintenance release
1.2.4	October 14, 2022	Limited release for 1-3k early build. SN workaround fix
1.2.2	October 14, 2022	Bug fixes and Wi-Fi Network feature
1.1.3	May 18, 2022	Shutdown/Bypass action menu fix
1.1.2	March 24, 2022	Initial Release