

Neware Cycler Automatic Backup Setting

1. Enter "System Setting"

The screenshot shows the BTS Client 8.0.0.474(2020.12.22)(R3) interface. The 'Set' menu is open, and 'System Settings' is selected. The main window displays a grid of backup status for various channels. The '1-2' channel is highlighted in yellow. The status for all channels is 'Finished 2.5000 V'. The status bar at the bottom indicates 'Current login user:admin' and 'Select 1 channel(s)'.

Channel	Status
1-1	Finished 2.5000 V
1-2	Finished 2.5000 V
1-3	Finished 2.5000 V
1-4	Finished 2.5000 V
1-5	Finished 2.5000 V
1-6	Finished 2.5000 V
1-7	Finished 2.5000 V
1-8	Finished 2.5000 V
2-1	Finished 2.5000 V
2-2	Finished 2.5000 V
2-3	Finished 2.5000 V
2-4	Finished 2.5000 V
2-5	Finished 2.5000 V
2-6	Finished 2.5000 V
2-7	Finished 2.5000 V
2-8	Finished 2.5000 V
3-1	Finished 2.5000 V
3-2	Finished 2.5000 V
3-3	Finished 2.5000 V
3-4	Finished 2.5000 V
3-5	Finished 2.5000 V
3-6	Finished 2.5000 V
3-7	Finished 2.5000 V
3-8	Finished 2.5000 V
4-1	Finished 2.5000 V
4-2	Finished 2.5000 V
4-3	Finished 2.5000 V
4-4	Finished 2.5000 V
4-5	Finished 2.5000 V
4-6	Finished 2.5000 V
4-7	Finished 2.5000 V
4-8	Finished 2.5000 V

2. Customize file name

System Settings

Start Mode

Barcode

Data Download

Fool-proofing

Step editor

Display Settings

Upgrade settings

Notify and do not allow to start

Data Download

Save As File Naming Mode

Default

Custom

Save As File Naming Format

DevID-UnitID-ChnlID-TestID

Named by barcode or DevID-UnitID-ChnlID-TestID

Named by Remark-DevID-UnitID-ChnlID-TestID

Name by step file name-DevID-UnitID-ChnlID-TestID

Custom

Select	Parameter
<input type="checkbox"/>	Server IP
<input checked="" type="checkbox"/>	Device Type
<input checked="" type="checkbox"/>	Device ID
<input checked="" type="checkbox"/>	Unit ID
<input checked="" type="checkbox"/>	Chnl ID
<input checked="" type="checkbox"/>	Test ID
<input type="checkbox"/>	Remark
<input type="checkbox"/>	Creator

Midline spacer

Underline spacer

If the file exists

Import Export Save Cancel

3. Customize file format

System Settings

Custom report settings

Unit Chnl Info **Circulating layer** Step layer Recording layer Curve Aux Chnl

Start Mode
Barcode
Data Download
Fool-proofing
Step editor
Display Settings
Upgrade settings

Circulation range

All loops
 From 1 To 1

起始行号 1

Select	Parameter	Custom header
<input checked="" type="checkbox"/>	Cycle ID	
<input checked="" type="checkbox"/>	Absolute start time	
<input checked="" type="checkbox"/>	End absolute time	
<input checked="" type="checkbox"/>	Chg Cap	
<input checked="" type="checkbox"/>	DChg Cap	
<input checked="" type="checkbox"/>	Charging capacity	
<input checked="" type="checkbox"/>	Discharge specifi...	
<input checked="" type="checkbox"/>	Chg-DChg EFF	
<input checked="" type="checkbox"/>	Chg Eng	
<input checked="" type="checkbox"/>	DChg Eng	
<input checked="" type="checkbox"/>	Charging ratio en...	
<input checked="" type="checkbox"/>	Discharge specifi...	

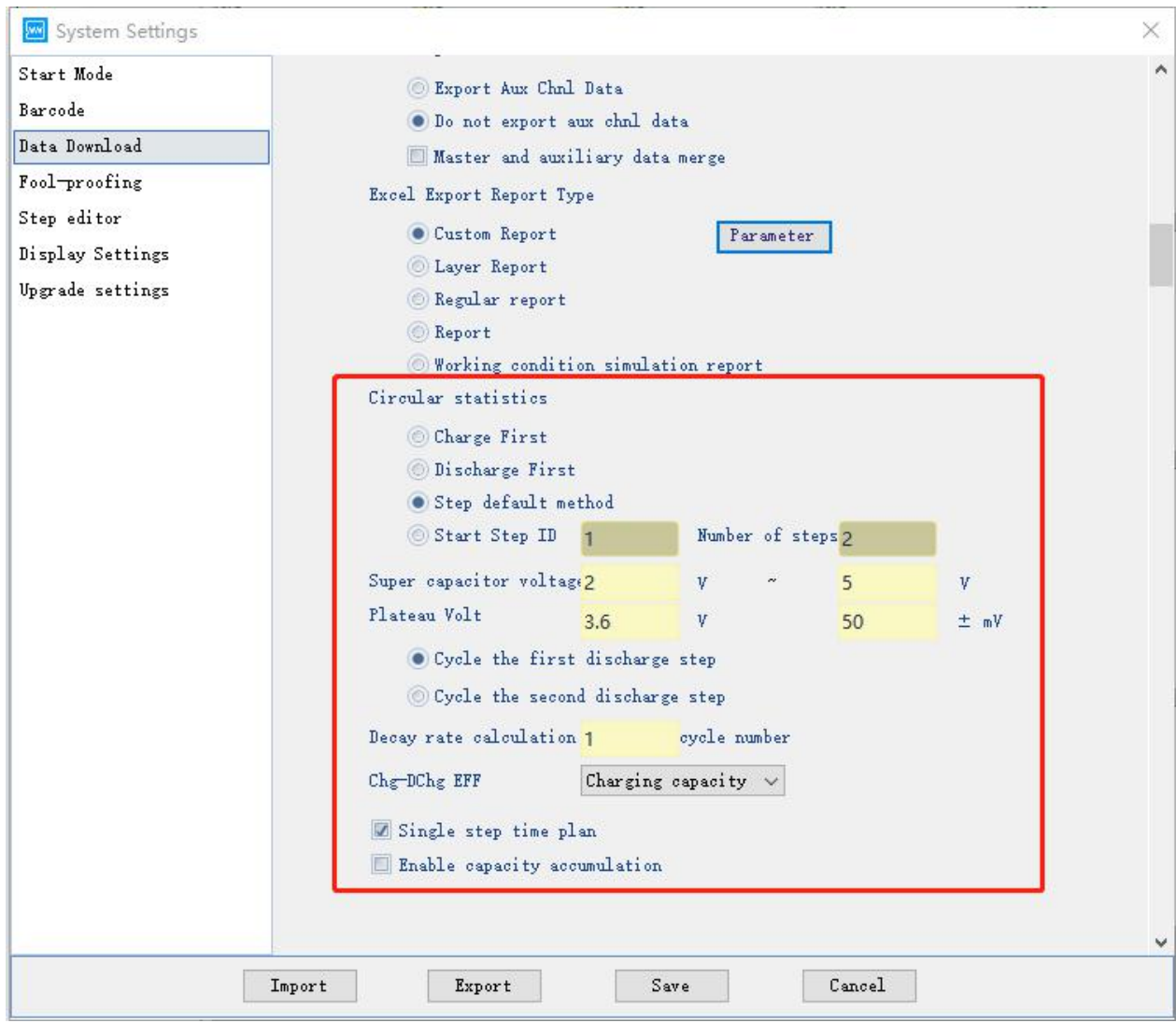
Excel settings

- Unit
- Chnl Info
- Circulating layer
- Step layer
- Recording layer
- Curve
- Aux Chnl
- Log

unit	Sheet label name
test	Sheet label name
cycle	Sheet label name
step	Sheet label name
record	Sheet label name
curve	Sheet label name
aux	Sheet label name
log	Sheet label name

OK Cancel

4. Modify circular statistic method, Charge/discharge efficiency, platform voltage, or keep default setting



5. Automatic backup, modify backup file location and excel data format

The screenshot displays the 'Start Test' software interface with several configuration windows open. A red arrow points to the 'Backup dir' field in the 'Backup settings' window, which is set to 'C:\Users\neware.com.cn\Desktop'. Another red arrow points to the 'Report' option under 'File Format'. A third red arrow points to the 'Backup...' button in the bottom toolbar. A fourth red arrow points to the 'excel data format' tabs in the 'Custom report settings' window, which are highlighted with a red box. A fifth red arrow points to the 'Automatic backup' checkbox in the bottom right corner, which is also checked and highlighted with a red box.

Backup settings

- Backup dir: C:\Users\neware.com.cn\Desktop
- Remote Dir: [Empty]
- File Name: Default, Barcode, Batch, Custom
- File Format: NDA, EXCEL, Report
- Backup Type: Scheduled backup (300 Min), Fixed time backup (0), Idle backup
- All steps complete the backup

Export Setting

- Export type: Regular report, Hierarchical report, Report, Custom report, Working condition simulat, Loop report
- Export Setting: Master and auxiliary data merge

Custom report settings

excel data format

- List of unit plans
- Test data header with unit
 - Follow behind the header
 - Follow the next line of the header

Excel settings

Unit	Chnl Info	Circulating layer	Step layer	Recording layer	Curve	Aux Chnl
<input checked="" type="checkbox"/> Unit	<input checked="" type="checkbox"/> Chnl Info	<input checked="" type="checkbox"/> Circulating layer	<input checked="" type="checkbox"/> Step layer	<input checked="" type="checkbox"/> Recording layer	<input checked="" type="checkbox"/> Curve	<input checked="" type="checkbox"/> Aux Chnl
unit	test	cycle	step	record	curve	aux
Sheet label name	Sheet label name	Sheet label name	Sheet label name	Sheet label name	Sheet label name	Sheet label name
log						
Sheet label name						

Step Ma... | Barcode M... | **Backup...** | DBC | SMBUS

Creator: [Empty] P/N: [Empty] Active Material: [Empty] mg Nominal specific capacity: [Empty] mAh/g C-rate mode

Remark: [Empty]

Automatic backup Start Step ID: 1

Start

6. Find the cloud icon, check backup program

The screenshot shows the BTS Client 8.0.0.474(2020.12.22)(R3) interface. The main window displays a battery management dashboard with various status indicators (Charge, Discharge, Rest, Protected, Stopped, Finished, Offline) and a list of battery channels (1-1 to 1-8). Channel 1-2 is highlighted in yellow and shows 'Rest' status with parameters: 2.5000 V, 0.0 mA, 0.0 mAh, 0.0000 Wh, and 00:01:09.

An 'Automatic backup' window is open, showing a table of backup tasks. The first row is highlighted with a red box:

Index	Chnl	Backup directory	Task add time	Last execution time	Last execution result	Next scheduled backup time	status
1	127.0.0.1-BTS82-1-1-2-9	C:\Users\neware.com.cn\Desktop\...	2021-08-04 17:34:05			04:58:49	

A red arrow points to the cloud icon in the Windows taskbar with the text 'double click the cloud'. Another red arrow points to the first row of the backup table with the text 'check the backup program'.

7. If you want change backup program during test, modify is available

The screenshot shows the BTS Client 8.0.0.474(2020.12.22)(R3) interface. The main window displays a 'Device List' on the left and a test program grid on the right. The grid has columns for channels 1-1 through 1-8. Channel 1-2 is highlighted in yellow and shows a 'Rest' phase with parameters: 2.5000 V, 0.0 mA, 0.0 mAh, 0.0000 Wh, and 00:05:42. Other channels are in a 'Finished' state at 2.5000 V.

An 'Automatic backup' window is open in the foreground, showing a table of backup tasks. The first task is selected, and a context menu is open with 'Modify' highlighted. A red arrow points to the 'Modify' option with the text 'modify the backup during test program'.

Index	Chnl	Backup directory	Task add time	Last execution time	Last execution result	Next scheduled backup time	status
1	127.0.0.1-BTS82-1-1-2-9	C:\Users\newase.com\Desktop\...	2021-08-04 17:34:05			04:54:17	

Context menu options: Add, **Modify**, Delete, View task information, Open Folder, Import, Export.

Bottom status bar: Present, Hi: < >, Current login user:admin, Select 1 channel(s), 127%