# User Manual for Solar Station Monitor

# **1. Introduction**

As a piece of PC terminal software developed by Shenzhen Shuori New Energy Technology Co., Ltd., the software of solar station monitor can be set through simple operations, and conduct real-time monitoring of the upper computers of solar charge controllers such as our household series products and inverters. Moreover, the software helps users check and modify parameters about charging, discharging, equipment and loading.

# 1.1 Purposes of This Manual

This manual provides actual operation interfaces together with descriptive text to help users understand operation methods and procedures. The manual introduces basic methods and steps of usage, as well as precautions to ensure that users use the system effectively and properly so as to improve work efficiency. Maintenance staff and users are the targeted readers of this manual.

# **1.2 References**

Operation instructions of our controllers such as home use products and inverters can be referenced.

# **1.3 Technical Support**

Thank you for using the products of Shenzhen Shuori New Energy Technology Co., Ltd. You can leave your suggestions and feedback on our website (http://www.szshuori.com/).

# 2. Operating Environment

# 2.1 Hardware Environment

You are advised to configure a memory bigger than 512M for hardware and over Intel Pentium 4 + 2.0G for CPU.

# 2.2 Software Environment

Operating systems on which this software can be run are recommended: Windows XP / Windows 2000 Professional / Windows 2000 Server/ Windows7 or Windows8, which are all 32-bit and 64-bit OS.

# 3. Software Installation

# 3.1. Software Installation

Double-click **Setup.exe** in the installation package to install the software.

# 3.2 Software Uninstall

Choose Solar Station Monitor on the control panel and click the Uninstall.

# 4. Software Details

Installed on a server or workstation, this software communicates with the solar charge controller via serial port and monitors the working status of the solar power system, such as the solar charge controller (real-time monitoring), state of solar array, and state of battery. The software also provides functions for browsing and modifying parameters about charge-discharge control, equipment and loading status; and for displaying and analyzing charge-discharge electricity data accumulated by equipment.

## 4.1 Overview of Software Interfaces

The main interface of the software consists of menu bar, tool bar, station explorer, function and message window.

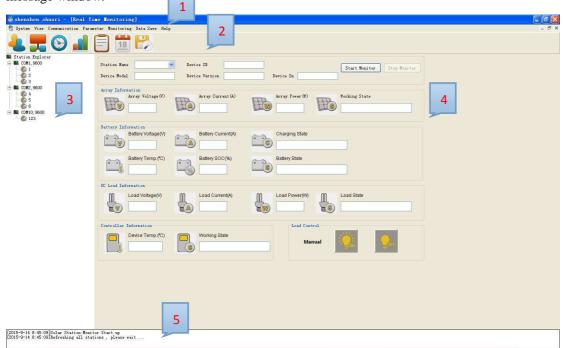


Figure 4-1-1 Main interface of the software

As shown in the figure, Area 1 is the menu bar that serves as the function entry to most functions of the software. Click the menu bar, and menu items are displayed. Area 2 shows the tool bar that provides all kinds of commonly-used tools for users. Area 3 indicates the station explorer in the form of a tree list. Station Explorer provides functions of visual management of user site information and other information. The first-level list displays the communication port numbers, and the second-level list displays station names. Area 4 shows the function window bar that provides effective function operation interfaces for monitoring the software. Area 5 is the message window that displays real-time operation and failure information.

# 4.2 Function Index

The menu bar provides entry to most functions of the software, as shown in figure 4-2-1:

System View Communication Parameter Monitoring Data Save Help

Figure 4-2-1 Menu bar

Menu Bar	First-level Menu	Second-level Menu	Function Description
	Log Off		Logging off the logged-in
			user
System	User Switch		Switching between users
System			with different permissions
	Change Password		Changing login password
	Exit		Exiting the software
	Tool Bar		Showing/ Hiding the tool bar
View	Station Explorer		Showing / Hiding Station Explorer
	Message Windows		Showing / Hiding the Message Windows
	Port Configuration		Configuring communication port
	Add Station		Adding station information
Communication			Refreshing all stations and
	Refresh All Stations		showing whether the station
			can be used
		Real Time Clock	Real-time clock
	Device Parameter	Device ID	Setting device ID
	Control Parameter	Setting	Satting control peremeters
	Control Parameter	General Load	Setting control parameters
Parameter	Load Configuration		Setting general loading
		Configuration	parameters
			Factory operation; recovering default
	Factory Operation		parameters of the controller
			and cleaning up the data
			Monitoring the data and
	Real Time Monitoring		working status of a single
	Real Time Monitoring		controller
			Monitoring and collecting
			statistics on the data
	Daily Monitoring		diagrams of a single
Monitoring			controller
			Monitoring the data and
	Global Monitoring		working status of multiple
			controllers
			Reading and conducting
	History Monitoring		chart analysis of previous
			working conditions of the
			working conditions of the

		controller
Data Save	Data Save Setting	Saving and setting the data
Data Save	Data Save Setting	of the controller
	About	Describing software
Help	About	information
	Help	Describing software help

Tool bar shows all common tools, as shown in 4-2-2:



Figure 4-2-2 tool bar

#### Figure 4-2-2: Function description of the tool bar

Tool Bar	Function Description	
User Switch	Switching between users with different	
	permissions	
Port Configuration	Configuring communication port	
Deel Time Manitoring	Monitoring the data and working status of a	
Real Time Monitoring	single controller	
Daily Monitoring	Monitoring and collecting statistics on the data	
Daily Molinolling	diagrams of a single controller	
Clobal Monitoring	Monitoring the data and working status of	
Global Monitoring	multiple controllers	
Listory Monitoring	Reading and conducting chart analysis of	
History Monitoring	previous working conditions of the controller	

# 4.3 Overview of Operation Step

- 1. Log in.
- 2. Configure serial port communication.
- 3. Add station information.
- 4. Configure parameters.
- 5. Choose stations and start monitoring (real-time, global, daily, history).
- 6. Save and maintain the data.

Note: For stations with configured serial port and information, skip Step 2 and Step 3.

#### 4.4 User Management

1. Login:

After the software is started, the Login dialog is popped up, see figure 4-4-1.

Vser	
	administrator guest
Password	

Figure 4-4-1 Login dialog

Log in with the corresponding username. When you click the **Login** button, the system matches the username and the password. If the password is incorrect, a prompt is displayed indicating "Wrong password". If the password is correct, the system displays the corresponding management interface according to the user permission. The login password for Administrator (default) users is 111111. Guest users do not need to enter a login password.

Guest user permission: user switch, real-time monitoring, global monitoring, history monitoring and daily monitoring.

Administrator user permission: all.

Switching between users with different permissions:

Choose **System**—>**User Switch** on the menu bar or click  $\triangleleft$  on the tool bar. Operation on the dialog box is the same on the login dialog box.

User Log-off:

Choose **System**—>**Log Off** on the menu bar. When a user performs log-off operation, the system logs off the current login interface and logs in the system as a Guest user. Meanwhile, the prompt box "Log Off successfully" is displayed.

Note: If a user logs in the system as a Guest user, the user cannot be logged off.

Changing Password:

Choose **System**—>**Change Password** on the menu bar, and the following dialog is displayed:

Old Password	1			3
New Password	(			1
Confirm Password				
OK		Γ	Cancel	

Figure 4-4-2 Change Password dialog

The system checks whether the original password is correct and the two newly input passwords are consistent. If they are, the message "Password changed successfully" is displayed; if not, the message "Wrong password" is displayed.

# 4.5 Basic Communication Configuration

#### **Port configuration**

Choose **Communication**—>**Port Configuration** on the menu bar or click  $\blacksquare$  on the tool bar for port configuration, as shown in Figure 4-5-1.

👫 Port Configura	ation	×
COM		Configuration
Port	COM13 👻	COM1, 9600 COM2, 9600
Baud rate	9600 🔻	
Data Bits	8 🚽	
Stop Bits	1 -	
Parity	None	Add Delete
	ОК	Cancel

Figure 4-5-1 Port configuration dialog

Port	Baud	Data	Stop	Parity	
	Rate	Bits	Bits	Check Bit	
Port	Baud	Data	Stop	Parity	
	Rate	Bits	Bits	Check Bit	
		RatePortBaud	RateBitsPortBaudData	RateBitsPortBaudDataStop	

Diagram 4-5-1 Chinese / English description

Adding a port:

Select the COM port and corresponding Baud Rate, click the **Add** button on the right side, and click **OK** to add the port in Station Explorer.

Deleting a port:

Choose **Communication**—>**Port Configuration** on the menu bar or click = on the tool bar, select the port to be deleted from the right port bar, and click **Delete** and OK to delete the port.

#### **Station Explorer:**

#### Adding a station:

Choose the **Communication**—>**Add Station** on the menu bar or right-click the blank area of Station Explorer, and the corresponding option box pops up. Choose **Add Station**, and the corresponding dialog box pops up, As shown in figure 4-5-2, add station information. The following five parts of station configuration information can be added: basic station information, photoelectric cell array information, battery information, loading information and remarks.

😭 Add Station					<b>—</b> X	
Staion Informatio	n		PV Arrays			
Station Name		*	Туре		-	
Device ID		*	Peak Power(W)			
Port	•	*	Voc(V)			
			Vmp(V)			
Battery			Load			
Type	•		Туре		-	
Capacity(Ah)			Power(W)			
Voltage(V)						
Remarks						
						h.
						,
•					Þ	
Notice:Items with *	must be filled					
	Delete	Update	Ad	a	Cancel	

Figure 4-5-2 Add Station dialog

Note: Station information marked with "\*" in Add Station Windows is mandatory.

Changing a station:

Right-click the blank area in Station Explorer, and the corresponding option box pops up. Choose **Edit Station** to enter the **Edit Station** dialog box and modify the station information, as shown in figure 4-5-3.

👚 Add Station						<u> </u>
-Staion Informat	ion		-PV Arrays			
Station Name	srne	*	Туре	c-Si	•	
Device ID	1	*	Peak Power(W)	1000		
Port	COM13, 9600 🔻	*	Voc(V)			
			Vmp(V)			
Battery			Load			51
Туре	Sealed 🗸		Туре		•	
Capacity(Ah)			Power(W)			
Voltage(V)						
Remarks						
1						^
						Ŧ
•					4	
Notice:Items with	1 * must be filled					
	Delete	Vpdate	Ad	d	Cancel	

Figure 4-5-3 Change Station Dialog

Viewing station information:

In Station Explorer, double-click the name of the station to be checked. Right-click the blank area, and the corresponding option box pops up. Select **View Station** to enter the **Station info** dialog box, where you can view the station information but cannot make modification, as shown in figure 4-5-4.

Staion Informa	tion		PV Arrays	
Station Name	srne	*	Туре	w.]
Device ID	1	*	Peak Power (W)	
Port	COM13, 9600	* *	Voc (V)	
			Vmp (V)	
Battery			Load	
Туре	ſ	*	Туре	*
Capacity(Ah)	-	1	Power (W)	÷.
Voltage(V)			-17	
em ar ks				4
				-

Figure 4-5-4 View Station Info dialog box

Refreshing station information:

Choose **Communication**—>**Refresh All Stations** on the menu bar, and you can scan if existing stations can be used, as shown in figure 4-5-5. Stations with red X are not available, while those without red X are available.

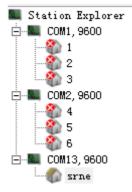


Figure 4-5-5 Station availability display

Note:

1. All stations are scanned to confirm available stations every time when the software is started.

2. After any operation on the station information page, the system scans all stations to confirm available stations.

3. When station information is refreshed, monitoring and other communication are automatically cut off.

Methods of reading an equipment ID:

- 1. The LCD of the controller displays an equipment ID, and one controller corresponds to only one ID.
- Choose Parameter—>Device Parameter—>Device ID Setting on the menu bar, and the page as shown in fig 4-5-6 appears.

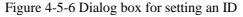
Reading an ID:

Select the corresponding port in the dialog box **Device ID Setting**, and click **Read ID** to obtain the equipment ID. Before obtaining the ID, ensure that the only communication controller is connected to the port.

Setting an ID:

Set a new ID to the controller. Once the controller is confirmed as communication-capable after the ID is read, click **Set ID** to set a new ID for the controller. The ID of a controller must be the same as that in the station information.

😚 Device ID Set	ting	X
Port ID	COM1, 9600 COM2, 9600 COM13, 9600	Warning Before reading or setting device Id, make sure that the serial port only connect to one device.
Read ID	Set ID	device.



Note: Before reading and setting the equipment ID, ensure that the serial port is connected to only one piece of equipment. The ID in station information must be the same as the controller ID, especially after the controller ID is changed.

#### 4.6 Modifying Parameters

#### Modifying control parameters

Choose **Parameter**—>**Control Parameter** on the menu bar, and the **Control Parameter** dialog box pops up, as shown in Figure 4-6-1.

Station Name	srne	•]	Device ID 1		
Rated Voltage (V) 12/24/36/48	(V) Rated	Load Current (A)	0 0 Rated Charg	e Current(A)	60
	Reference	Current		Reference	Current
Гуре	Sealed	Sealed 💌	Rated voltage Leval	Auto	Auto -
Charging Mode	Volt.Comp.	Volt.Co +	Boost Duraton(m)	120	120
Battery Capacity(Ah)	200	200	Equilibrium Duration(m)	120	120
Femp.Cm∖ompensation Coefficient(mV/℃/2V)	-3	-3	Equalizing Change Interval (day	15	30
Over Volt.Disconnect Volt.(V)	16.00	16.00	LVD Delay Time(s)	15	5
Equilibrium Charging Volt. (V)	14.60	15.20	Discharging Limit Volt.(V)	10.60	10.50
Boost Charging Volt. (V)	14.40	14.40	Low Volt.Reconnect Volt. (V)	12.60	12.60
Float charging Volt. (V)	13.80	13,80	Under Vol.Warning Volt.(V)	12.00	12.00
Boost Recon. Charg. Volt. (V)	13, 20	12.60	Low Volt.Disconnect Volt.(V)	11.10	11.00
Battery Charge(%)	100	100	Battery Dischage (%)	30	50

Figure 4-6-1 Dialog box for modifying control parameters

Click the **Read** button, and the Edit Boxes on the interface displays the current parameter data of the controller. After changing a parameter value, click the **Update** button to update the control parameter of the controller.

Click the **Restore default** button and all **Edit Boxes** of the **Current** value on the interface will be automatically filled with the default value of the corresponding parameter.

Click the **Export Setting** button to save all the control parameters on the current interface as a.txt file, which is used as backup file of control parameters.

Click the **Import Setting** button to import the original \*.txt control parameter backup file into the interface. The file can be used as the modified value of the current control parameters.

Battery Type	Remarks
	Control parameters cannot be modified_
	except the battery capacity and
Sealed (Default)	temperature compensation coefficient.
	Control parameters cannot be modified
	except the battery capacity and
Gel	temperature compensation coefficient.
	Control parameters cannot be modified
	except the battery capacity and
Flooded	temperature compensation coefficient.
User	The user can modify control parameters.

Diagram 4-6-1 Description of battery types:

D'	1 ( ) D	• ,•	C 1 ·	1
Diagram	4-6-2 D	escription	of charging	modes
			000	

Charging Mode	Remarks
Volt.Comp.	Charging mode of the Volt. Comp. (Default)
SOC	SOC is a charging mode that realizes the charge-discharge control of the battery based on the preset target value for charging and discharging.

Diagram 1 6 2 Deremotors of	hout bottomy waltage	(Normal tamp 255)
Diagram 4-6-3 Parameters al	Dout Dattery voltage	UNOITHAI LEITID. 2.000
		(- · · · · · · · · · · · · · · · · · · ·

Battery Type	Sealed	Gel	Flooded	User
Over Volt.Disconnect Volt.	16V	16V	16V	9~17V
Equalizing Charging Volt.	14.6V	15.2	14.8V	9~17V
Boost Charging Volt.	14.4V	14.2V	14.6V	9~17V
Floating Charging Volt.	13.8V	13.8V	13.8V	9~17V
Boost Recov. Charg. Volt.	13.2V	13.2V	13.2V	9~17V
Low Volt. Reconnect Volt.	12.6V	12.6V	12.6V	9~17V
Under Volt. Warning Volt.	12 V	12V	12V	9~17V
Low Volt. Disconnect Volt.	11.1V	11.1V	11.1V	9~17V
Discharging Limit Volt.	10.6V	10.6V	10.6V	9~17V
Equalizing Duration	120 minutes	0	120 minutes	0~600 minutes
Boost Duration	120 minutes	120 minutes	120 minutes	10~600 minutes
Equalizing Charge Interval ( 0: Close the Equilibrium Charging function )	30 days	0 days	30 days	0-255 days
LVD Delay Time	5 seconds	5 seconds	5 seconds	1-30 seconds

Diagram 4-6-4 Description of other control parameters

Parameter	Default Value	Modification Range
Battery Capacity	200Ah	1~9999Ah
Temp. Compensation Coefficient	-3mV/°C/2V	0~-5mV ( 0 : Close the Temp. Compensation function )
Rated Voltage Level	Auto	Auto/12V/24V/36V/48V
Battery Charge	100%	100% (SOC charging mode)
Battery Discharge	30%	10~80% (SOC charging mode)

Note: User battery is the default battery type. Default voltage parameters of the system are the

same as those of the sealed battery. Follow the following logic when modifying charge-discharge parameters:

Over Volt. Disconnect Volt. > Equalizing Volt.  $\geq$  Boost Volt.  $\geq$  Floating Volt. > Boost Recov. Volt.

Over Volt. Disconnect Volt. > Over Volt. Disconnect Recov. Volt.

Low Volt. Reconnect Volt. > Low Volt. Disconnect Volt. ≥ Discharging Limit Volt.

Under Volt. Warning Volt.  $\geq$  Low Volt. Disconnect Volt.

Boost Recon. Volt. > Low Volt. Reconnect Volt.

#### Load Configuration

Choose **Parameter**—>**Load Configuration**—>**General Load Configuration** on the menu bar to enter the dialog box **General Load Configuration**, as shown in Figure 4-6-2.

Station Name	srne 🔻	Device ID	1	
oad Control Mode				
🔘 Light ON/OFF	Light ON Volt. (V)	▼ Del	ay(m)	•
	Light OFF Volt. (V)	Del	ay (m)	
🖱 Light ON+Time	Working Timel	👻 Wor	king Time2	
	Night Time(h)			
	* *		C: C:	* *
🖱 Manual Mode				
🖲 Debug Mode				
🖱 Load on Mode				

#### Figure 4-6-2 Dialog box General Load Configuration

Click the **Read** button to enter the load control mode of the controller. The default mode is **Debug Mode**. You can select other modes such as Manual Mode, Light ON/OFF, Light ON+Time or Load on Mode, and modify related control parameters. Click the **Update** button to update new load control parameters. Note: 1. Manual Mode enables users to manually handle Switch Load that is on the Load Control bar of the Real Time Monitor interface. And the Switch Load button can only be operated under Manual Mode.

#### **Factory operation:**

Choose **Parameter**—>**Factory Operation** on the menu bar, and the **Factory Operation** dialog box pops up, as shown in Figure 4-6-3.

Station Name	srne
vice ID	1
(	re Default

Figure 4-6-3 Factory Operation dialog box

Click the **Restore Default** button to restore factory parameters.

Click the **Clear Data** button to save the data.

Note: Perform this operation with caution as it involves clearing of data used by the controller.

#### 4.7 Functions

#### Real-time monitoring (monitoring of controller status data)

Choose **Monitoring**—>**Real Time Monitoring** on the menu bar or click O on the tool bar, and the **Real Time Monitoring** window appears. Then, click **Start Monitor**, and real-time monitoring is enabled, as shown in Figure 4-7-1.

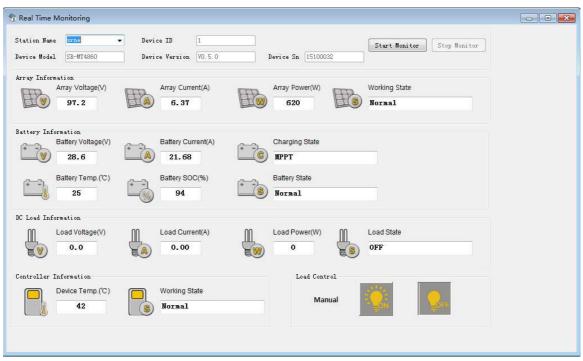


Figure 4-7-1 Real Time Monitoring dialog box

Diagram 4-7-1 Description of working parameters:

Name	English Name	Status Value
Controller working state	Controller working state	Normal, Divice Over Temp
Battery Charge state	Battery Charge state	MPPT, EQU, BST, Floating, Idle, Start, Limit
Array working state	Array working state	Array Over Voltage, Array Reverse, Array Over Power
Battery working state	Battery working state	Normal, Low Volt. Disconnect, Under Voltage Warning, Over Volt. Disconnect, Batt. Over Temp
Load State	Load State	ON, OFF

Diagram 4-7-2Description of parameter information

Name	Detailed Parameters	
Array	Array Voltage, Array Current, Array Working State, Array	
Information	Power	
Battery	Battery Voltage, Battery Current, Battery Temperature, Battery	
Information	SOC, Charge State, Battery State	
DC Load	Lood Current Lood Valtage Lood Dewer	
Information	Load Current, Load Voltage, Load Power	
Controller	Davias Tama antuna Davias Warking State	
Information	Device Temperature, Device Working State	

Note: Only under Manual Mode can the user click the ON/OFF button of Switch Load.

#### Daily monitoring (data diagram display and statistical data collection):

Choose **Monitoring**—>**Daily Monitoring** on the menu bar or click and on the tool bar to enter the **Daily Monitoring** window, as shown in Figure 4-7-2. During daily monitoring, the window monitors diagrams about **Array**, **Battery**, **Load** in terms of **Voltage**, **Current** and **Power**; and displays related parameters.

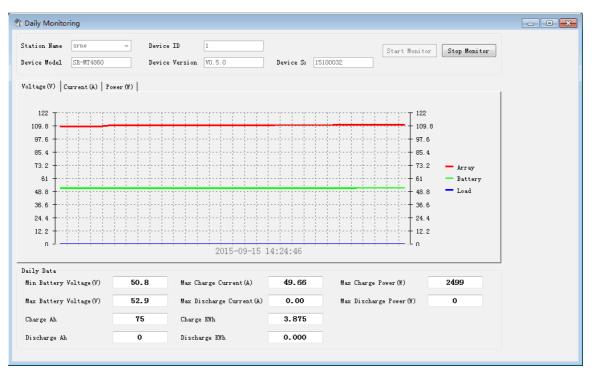


Figure 4-7-2 Daily Monitoring window

Diagram 4-7-3	Description	of monitoring	parameters:

Name	Description				
Max/Min Battery Voltage	Maximum/minimum battery voltage				
Max Charge/Discharge Current	Maximum charge/discharge current				
Max Charge/Discharge Power	Maximum charge/discharge power				
Charge/Discharge Ah	Charge/discharge Ah				
Charge/Discharge KWh	Charge/discharge KWh				

#### Global monitoring (recent working status of the controller)

Choose Monitoring—>Global Monitoring on the menu bar or click in the coll bar to enter the Global Monitoring window, as shown in Figure 4-7-1. The window monitors the working status of multiple controllers and collects statistics on related information such as Charge KWh, Batt. LVD times, Batt, and Charge fully times. For relevant parameters, see Figure 4-7-1 and 4-7-3.

Global Monit	toring									
Station Name	ID	Device State	Array State	Charging State	Battery State	Load State	Charge Ah	Discharge Ah	Charge KWh	Discharge KW1
	1									
	2									
	3									
	4									
	5									
	6									
rne	1	Normal	Normal	Idle	Normal	OFF	56	0	1.561	0.000
•										

Figure 4-7-3 Global Monitoring window

# History monitoring (monitoring history display and diagram analysis):

Choose the Monitoring—>History Monitoring in the menu bar or click in on the tool bar to enter the **History Monitoring** window, as shown in Figure 4-7-1. The window reads recent monitoring information and performs diagram analysis of related data. For relevant parameters, see Diagram 4-7-3.

L 🗖 🖓 📕	Ē	18 2	5								
Station Explorer COMI,9800 	Station Neme strate Device ID 1   Device Model SR-WT40800 Device Varsion VO.5.0 Device Sn 15100032										
COM2, 9600 4 5 5 COM13, 9600 com13, 9600		listory Data D									
	select	Days Ago	Min Battery Volt.	( Max Battery Volt.	( Max Charge Curr.	(A Max Discharge Curr.	(A Max Charge Power(W)	Max Discharge Power(W)	Charge #	Ah Dis	
		18	51.8	57.8	4.69	0.00	221	0	0	0	
		17	52.1	54.0	0.65	0.00	27	0	0	0	
		16	52.2	54.0	0.81	0.00	25	0	0	0	
		15	52.1	52.4	0.39	0.00	16	0	0	0	
		14	52.0	52.2	0.30	0.00	10	0	0	0	
		13	51.5	51.7	0.32	0.00	12	0	0	0	
		12	51.5	51.8	0.44	0.00	15	0	0	0	
		11	51.6	52.3	1.01	0.00	29	0	0	0	
		10	51.8	52.6	1.09	0.00	31	0	0	0	
		9	52.0	53.4	1.33	0.00	42	0	0	0	
		8	52.2	56.8	1.50	0.00	55	0	0	0	
		7	52.4	58.0	1.65	0.00	89	0	0	0	
		6	52.6	58.2	2.73	0.00	91	0	0	0	
		5	52.7	58.2	2.49	0.00	118	0	0	0	
		4	51.2	52.0	23.57	0.00	1131	0	3	0	
		3	51.2	52.3	35.07	0.00	1491	0	2	0	
		2	50.8	52.4	35.55	0.00	1740	0	4	0	
		1	51.0	52.4	34.47	0.00	1705	0	4	0	
					m						
	4										

Figure 4-7-4 History Monitoring window

Reading historical data:

Select the number of days in history from the drop-down list of **Read History Data** and click the **Read** button. The recent working status of the controller is displayed.

Saving historical data:

After reading historical data, click the **Export Excel** button to save the data in a .csv file, as shown in Figure 4-7-5.

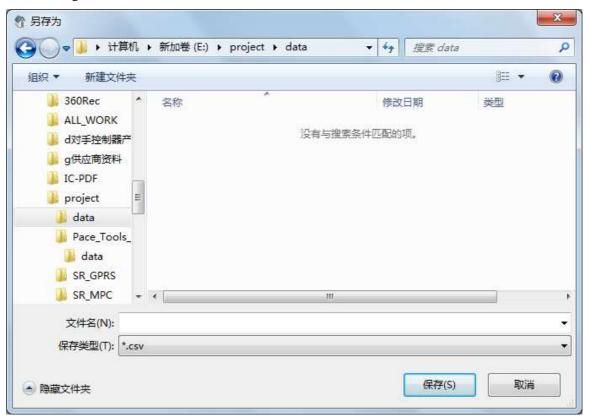
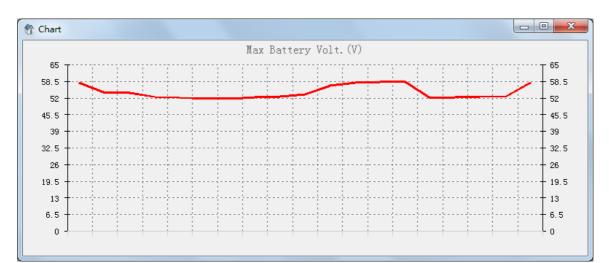
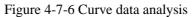


Figure 4-7-5 **Export Excel** dialog box

Graphical analysis of historical data:

After reading historical data, select the parameter (refer to diagram 4-7-3) for which graphical analysis is to be performed from the drop-down list of **Item Selection**, click the **Curves** button for curve analysis (Figure 4-7-6), or click the **Histogram** button for histogram data analysis (Figure 4-7-7).





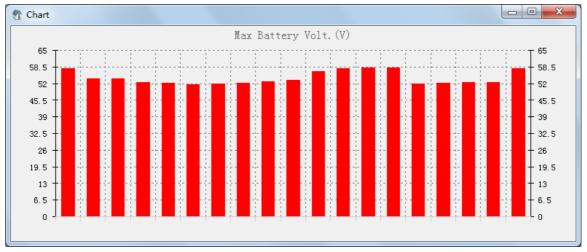


Figure 4-7-7 Histogram data analysis

# 4.8 Saving Data

Choose **Data Save**—>**Data Save Setting** on the menu bar or click P on the tool bar to enter the **data saving** dialog box, as shown in Figure 4-8-1.Data saving can be set with reference to the Figure 4-8-1.

😚 Data	a Save setting		X
Save S	tations:		
select	Station Name	Device ID	Monitoring
	1	1	Read Interval(s) 10 💌
	2	2	V Auto Saving
	3	3	M vero paving
	4	4	File Path:
	5	5	E:\project\上位机软件\ShuoRi-150908     Browse
	6	6	
	srne	1	Save Interval(h:m) 0 🚊 1 🚊
			Line Count 32000
			Temporary (MB) 10
			0K Cancel

Figure 4-8-1 Data Save dialog box

# Diagram 4-8-1 Description of data save setting:

Name	Function Description			
Read Interval	Changing the interval time of data update in the			
Kead Intervar	monitoring function widow.			
Auto Saving	Choose whether to save data automatically.			
File Path	File save path.			
Save Interval	Changing the interval time of saving data.			
	Data is saved in the form of excel. file. The			
Line Count	Line Count parameter limits the rows of data			
	to be saved in the excel. file.			
Temporary(MB)	Maximum capacity of data to be saved.			

Note: The capacity of data to be saved is subject to the smaller value of the **Line Count** and **Temporary** parameters.