



CONNECT
USER'S GUIDE
by **Light Efficient Design**

PRELIMINARY INFORMATION



For an overview of the system capabilities, please see the Solera Connect Overview.


Prior to using Solera Connect, please ensure that you have a username and password. If you don't have this, please contact Tech Support at solera-ts@led-llc.com


LOGIN INFORMATION

1. Go to <https://www.lampmonitor.com>
2. Enter your username
3. Enter your password
4. Press Log In

Hello

Welcome to use Solera Monitoring System 3.0  English 

 Solera



☒ Remember Me

Log In

SYSTEM INFORMATION - SYSINFO

The SysInfo screen has high level information about the projects. Most accounts will only have one project. From the SysInfo page, select the Project Name (circled in red) and click on it to enter the project.

The SysInfo screen displays project statistics and a list of projects. The statistics include: Total project (8), Total Equipment (32), Total generation(MWh) (0.14), Number of load jobs (0), and Number of device alarms (0). The Project List table has columns: NO., Project coding, Project name (circled in red), User, Equipment Quan..., Count monitoring, Number of alarm, Inspection time, Country / Prov..., Timezone, Address, Creation time, and Operation.

| NO. | Project coding | Project name | User | Equipment Quan... | Count monitoring | Number of alarm | Inspection time | Country / Prov... | Timezone | Address | Creation time | Operation |
|-----|----------------|--------------|-------------|-------------------|------------------|-----------------|-----------------|----------------------|----------|-----------------------------------|---------------------|------------------------------|
| 1 | Pro-002 | P-002 | PRO-002 | 22 | 0 | 0 | 1000 | | UTC-6 | | 2025-05-19 11:05:48 | Edit Parameter Enter project |
| 2 | Pro-001 | P-001 | PRO-001 | 1 | 0 | 0 | 1000 | United States/S... | UTC-7 | Sioux Falls, SD | 2025-05-18 11:37:49 | Edit Parameter Enter project |
| 3 | 2025 | Cary TS 25 | SampleUser1 | 1 | 0 | 0 | 1000 | United States/III... | UTC-6 | 188 S Northwest Hwy Cary IL 60... | 2025-01-07 14:10:29 | Edit Parameter Enter project |
| 4 | 2410 | Test 2410 | Solera | 1 | 0 | 0 | 1000 | United States/III... | UTC-5 | 188 S Northwest Hwy Cary IL 60... | 2024-09-25 15:15:53 | Edit Parameter Enter project |
| 5 | 20240614 | | Solera | 0 | 0 | 0 | 1000 | | | 广东省深圳市南山区秋长街道益... | 2024-06-14 01:02:18 | Edit Parameter Enter project |
| 6 | 06142024 | | Solera | 0 | 0 | 0 | 1000 | | | 广东省深圳市南山区秋长街道益... | 2024-06-14 00:58:43 | Edit Parameter Enter project |
| 7 | SAL Shorty 1 | Sal Shorty | Solera | 1 | 0 | 0 | 1000 | United States/III... | UTC+6 | 188 S Northwest Hwy Bannin... | 2024-02-09 12:01:09 | Edit Parameter Enter project |
| 8 | 1 | SAL Sample | 解大苏打 | 6 | 0 | 0 | 1000 | United States/III... | UTC-5 | | 2025-05-13 05:10:39 | Edit Parameter Enter project |

PROJECT MANAGEMENT

Once you have selected your Project Name, you will enter this screen with more specific project information and management. Here is a quick description of the items highlighted in blue.

- CHECK BOX** Used to select a light
- LIGHT ID** The ID name or number for the light
- SIGNAL** Cellular signal indicator should be green w/ all 3 bars
- STATUS** Shows the current status of the lighting, battery, solar panel and controller. Please note that readings are not continuous, and there could be up to a 30-minute delay in the data
- SUB-MENUS** Used to monitor the history of the light or change parameters. The history and parameter menus will be the most useful

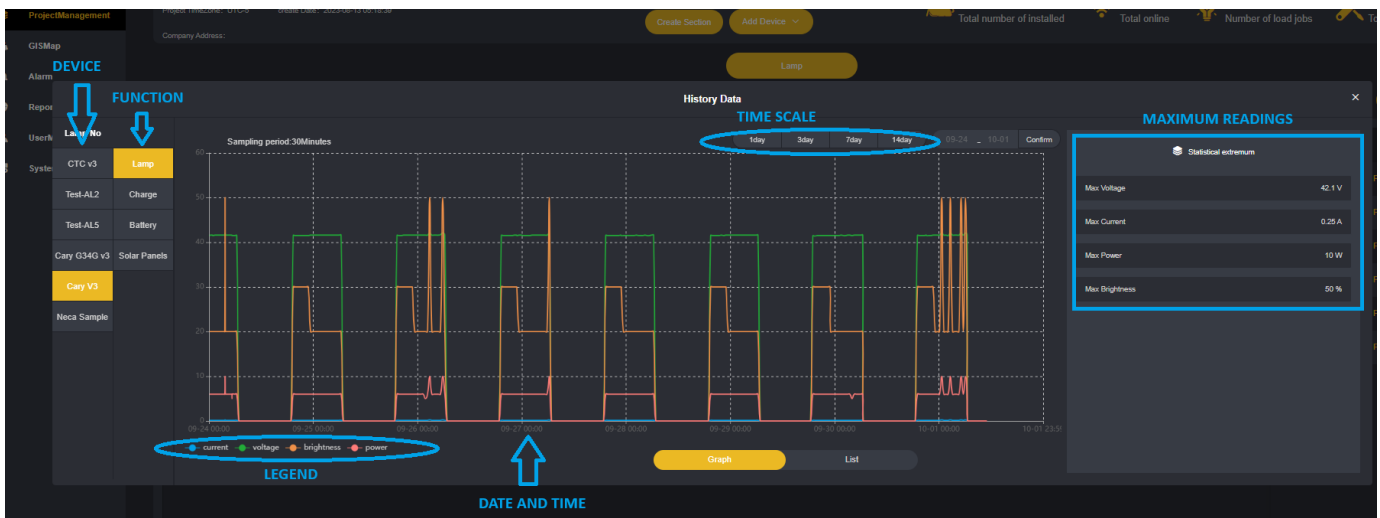
The Project Management screen for 'SAL Sample' shows project details and a list of lights. The top bar includes buttons for 'Create Section', 'Add Device', and 'Lamp'. The table lists lights with columns: NO., Street, Road, PIN, Signal, Update time, ICCID, and various status metrics. Blue annotations highlight the Check Box, Light ID, Signal, Status, and Sub-Menus.

| NO. | Street | Road | PIN | Signal | Update time | ICCID | Control tempe... | street lamp br... | Battery voltag... | Battery power... | Battery charg... | Solar panel p... | Street Lamp P... | Fault informat... | Operation |
|-----|-----------|--------------|------------------|--------|---------------------|-----------------|------------------|-------------------|-------------------|------------------|------------------|------------------|------------------|-------------------|--------------------------------|
| 1 | CTC v3 | Default road | K300002501004... | | | 894231092300... | | | | | | | | | Devices Edit History Parameter |
| 2 | Test-AL2 | Default road | K300002501004... | | 2025-09-24 08:30:47 | 894231022100... | 20 | 0 | 12.8 | | MPPT charging | 3 | 0 | | Devices Edit History Parameter |
| 3 | Test-AL5 | Default road | K300002501001... | | 2025-09-24 07:59:11 | 894231092300... | 22 | 0 | 12.5 | | Not charging | 0 | 0 | | Devices Edit History Parameter |
| 4 | Cary G... | Default road | K300002501002... | | 2025-09-24 08:10:06 | 894231092300... | 20 | 0 | 13.1 | | MPPT charging | 0 | 0 | | Devices Edit History Parameter |
| 5 | Cary V3 | Default road | K300002501009... | | 2025-09-24 08:22:20 | 894231092300... | 20 | 0 | 13.1 | | MPPT charging | 2 | 0 | | Devices Edit History Parameter |
| 6 | Poca... | Default road | K300002501007... | | | 894231092300... | | | | | | | | | Devices Edit History Parameter |

PROJECT MANAGEMENT / HISTORY

The history screen has sub-menus for Lamp, Charge, Battery and Solar Panels. Please refer to the screenshot below.

- DEVICE** Select the device to review (light)
- FUNCTION** Select function to review
- LEGEND** Shows the color for each measured variable
- DATE & TIME** Shows date and time of the reading
- TIME SCALE** Choose how many days to monitor (recommend 7 or 14). Maximum readings for certain variables are shown in the box on the right



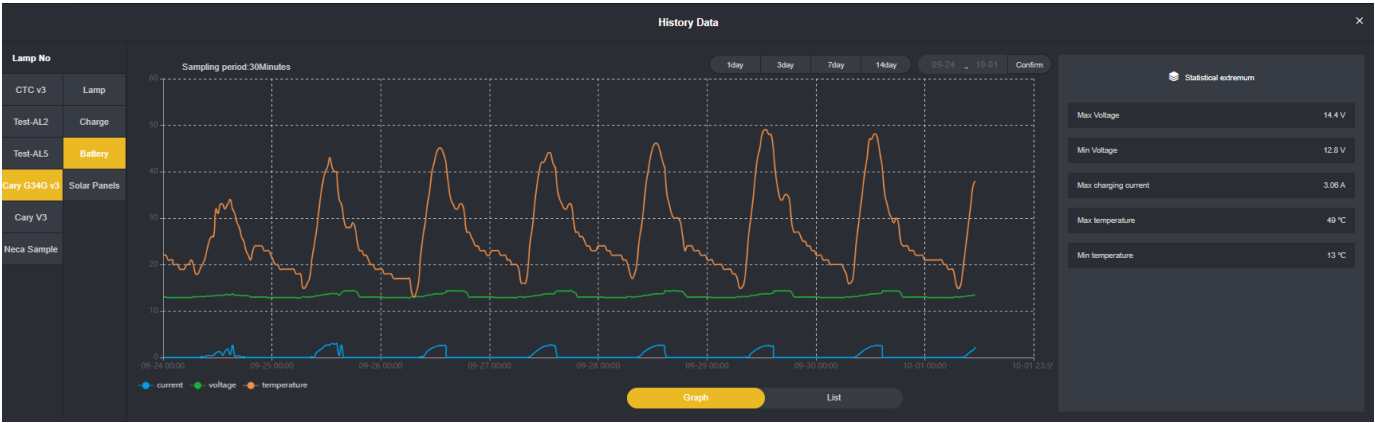
PROJECT MANAGEMENT / CHARGE

Shows cumulative battery charge and discharge in Ampere Hours (AH)



PROJECT MANAGEMENT / BATTERY

Shows battery current, voltage and temperature.



PROJECT MANAGEMENT / SOLAR PANELS

Shows the current, voltage and power for the solar panels.



ALARM

Shows the alarms for all lights in the project. Work orders can be generated from the alarms and assigned to a handler. To create a work order, select "Create Work Order" from the operation column. When the problem has been corrected, the handler can adjust the alarm status. Using the filters above the table, the information can be filtered by alarm event, processing status or by date.

| Device Number | Occurrence Time | End Time | Alarm event | Datalogger PN | project | Road Section | Alarm Status | Operation |
|---------------|---------------------|---------------------|-----------------------|--------------------|------------|--------------|--------------|--------------------------|
| Neca Sample | 2025-08-20 20:44:25 | 2025-08-20 21:10:19 | Battery discharge | K30000250100730170 | SAL Sample | Default road | Processed | Create Work Order Delete |
| CTC v3 | 2025-08-16 14:37:20 | | Overcharge protection | K30000250100454124 | SAL Sample | Default road | Unreated | Create Work Order Delete |
| CTC v3 | 2025-08-16 14:37:20 | | Battery over voltage | K30000250100454124 | SAL Sample | Default road | Unreated | Create Work Order Delete |
| CTC v3 | 2025-08-16 14:37:20 | | Overcharge protection | K30000250100454124 | SAL Sample | Default road | Unreated | Create Work Order Delete |
| Test-ALS | 2025-08-16 14:31:07 | 2025-08-17 19:52:33 | Overcharge protection | K30000250100154888 | SAL Sample | Default road | Processed | Create Work Order Delete |
| Test-ALS | 2025-08-16 14:31:07 | 2025-08-17 19:52:33 | Battery over voltage | K30000250100154888 | SAL Sample | Default road | Processed | Create Work Order Delete |
| Test-ALS | 2025-08-16 14:31:07 | 2025-08-17 19:52:33 | Overcharge protection | K30000250100154888 | SAL Sample | Default road | Processed | Create Work Order Delete |
| CTC v3 | 2025-08-16 11:08:28 | 2025-08-16 14:37:20 | Open load | K30000250100454124 | SAL Sample | Default road | Processed | Create Work Order Delete |
| CTC v3 | 2025-08-16 08:39:16 | 2025-08-16 10:38:38 | Open load | K30000250100454124 | SAL Sample | Default road | Processed | Create Work Order Delete |
| CTC v3 | 2025-08-16 06:10:05 | 2025-08-16 08:09:26 | Open load | K30000250100454124 | SAL Sample | Default road | Processed | Create Work Order Delete |
| CTC v3 | 2025-08-16 03:40:53 | 2025-08-16 05:40:14 | Open load | K30000250100454124 | SAL Sample | Default road | Processed | Create Work Order Delete |
| CTC v3 | 2025-08-16 03:14:30 | 2025-08-16 03:38:04 | Open load | K30000250100454124 | SAL Sample | Default road | Processed | Create Work Order Delete |
| CTC v3 | 2025-08-16 03:05:50 | 2025-08-16 03:09:40 | Open load | K30000250100454124 | SAL Sample | Default road | Processed | Create Work Order Delete |
| CTC v3 | 2025-08-14 09:02:27 | 2025-08-14 12:01:29 | Open load | K30000250100454124 | SAL Sample | Default road | Processed | Create Work Order Delete |
| CTC v3 | 2025-08-12 | 2025-08-12 22:50:19 | Open load | K30000250100454124 | SAL Sample | Default road | Processed | Create Work Order Delete |

REPORTS

Allows for viewing or downloading of energy reports. To view a report, go to the report management page and click on the appropriate device number in the first column. To export the data in excel format, press the export button.

