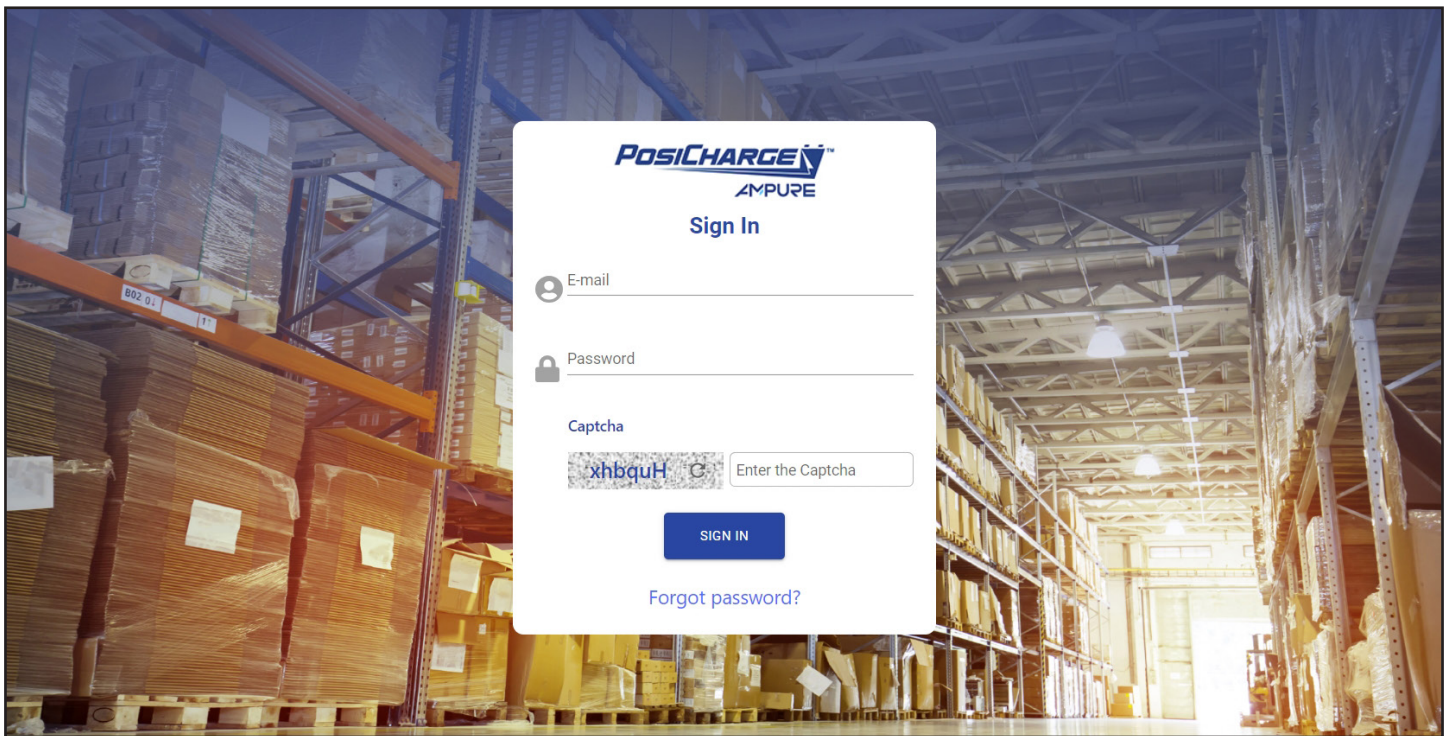


PosiCharge™ PosiLink Cloud Connection User Guide



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<https://www.posicharge.com/>

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INTRODUCTION

PosiCharge™ PosiLink is an easy way for warehouse personnel to manage and measure energy use. The cloud-based business intelligence platform helps you protect your energy investments all in one place.

PosiLink manages all your charging systems in one, simple, and user-friendly interface that lets you know immediately when interventions should be made with the following features.

- Battery Management
- Operation Status
- Alerts
- Location Management
- User Management
- Reporting Management
- Organization Management
- Dealer Portal

Hardware Requirements

Hardware	Specifications
Ethernet	100 Mbps, RJ45 connector
Onboard memory	32G of disk space
Temperature settings	-40°C to 60°C
Wi-Fi connectivity	802.11b/g/n

Acronyms, Abbreviations, and Symbols

Acronym or Abbreviation	Meaning
App	Application
b/g/n	Wi-Fi (wireless) technology
BMID	Battery Monitor and Identifier
CEC	California Energy Commission
CRUD	Create, Read, Update and Delete
G	Gigabyte(s)
ID	Identification
IoT	Internet of Things
kWh	Kilowatt Hour(s)
Mbps	Megabits Per Second
Wi-Fi	Wireless networking technology that uses radio waves to provide high-speed network and internet connections.

User Types – Definitions

Platform User	Access to all dealers, all companies, all locations, and all sites
Dealer User	Access to the assigned dealer and all companies, all locations, all sites (under the assigned dealer)
Company User	Access to the assigned company and all locations and sites (under the assigned company)
Location User	Access to the assigned location and all sites (Under the assigned location)
Site User	Access to the assigned site

User Types – Access Levels

User	All Dealers	Assigned Dealer	All Companies	Assigned Company	All Locations	Assigned Location	All Sites	Assigned Site
Platform Admin	CURD							
Dealer Admin	✓	CURD						
Dealer Manager	✓	R						
Company Admin	✓	✓	✓	CURD				
Company Manager	✓	✓	✓	R				
Location Admin	✓	✓	✓	✓	✓	CURD		
Location Manager	✓	✓	✓	✓	✓	R		
Site Admin	✓	✓	✓	✓	✓	✓	✓	CURD
Site Manager	✓	✓	✓	✓	✓	✓	✓	R

Going Forward:



Select the **Apply** button to apply any selections and changes to make to any given page.



Select the **Refresh** button to refresh the data on any given page.

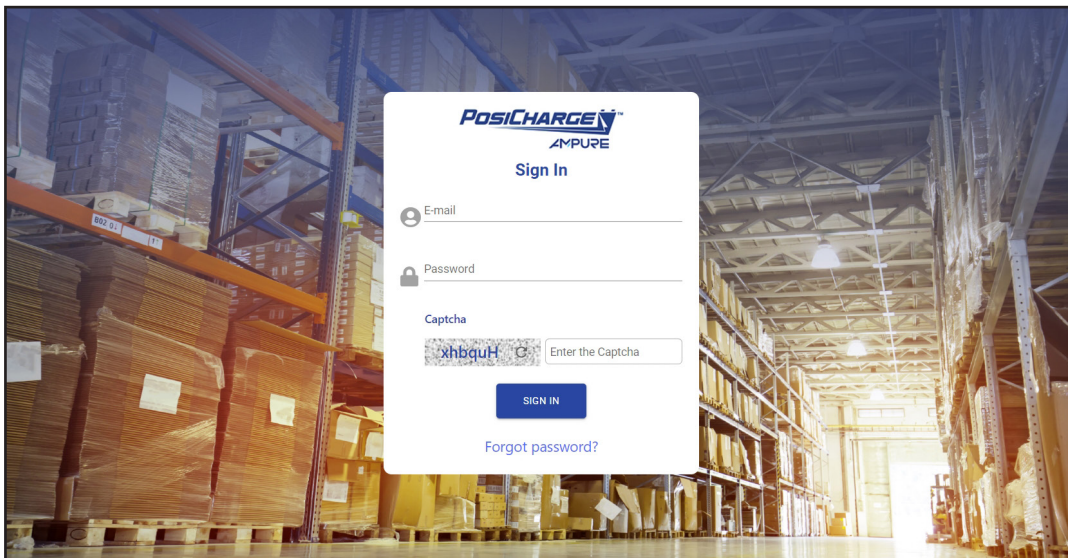


Select the **Export** button to export data to the email address you set up under User Management > Account Management > Account Profile.

WEB PORTAL

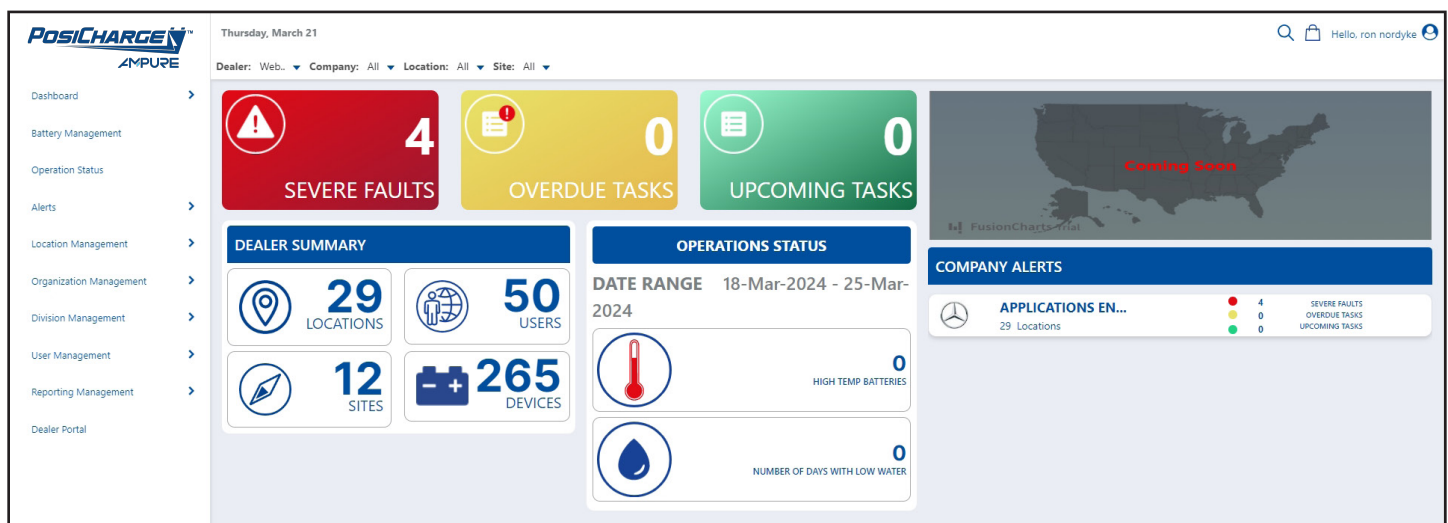
Log In Window

1. On your computer, open your browser and go to [URL].
2. Type in your user email address and your password.
3. A Captcha security code will appear in the gray box as illustrated below – type that same security code into the white box to the right of it.



Landing Page

After logging in, the site opens to the Dealer Dashboard, which is the first time listed on the left-side menu.



Thursday, March 21

Dealer: Web... Company: All Location: All Site: All

4 SEVERE FAULTS **0 OVERDUE TASKS** **0 UPCOMING TASKS**

DEALER SUMMARY **OPERATIONS STATUS**

29 LOCATIONS **50 USERS** **DATE RANGE 18-Mar-2024 - 25-Mar-2024**

12 SITES **265 DEVICES** **0 HIGH TEMP BATTERIES**

0 NUMBER OF DAYS WITH LOW WATER

COMPANY ALERTS

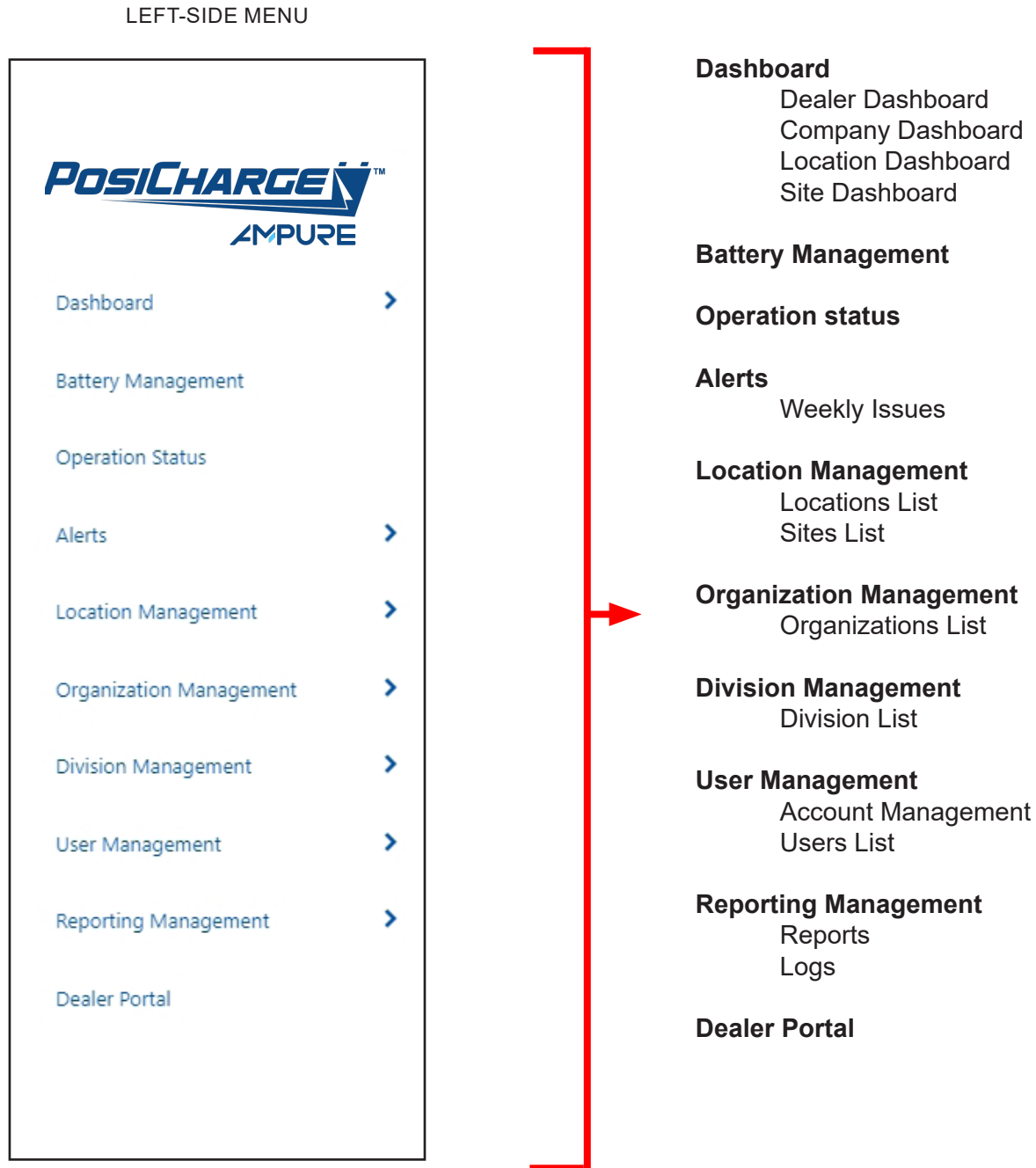
APPLICATIONS EN... **4 SEVERE FAULTS**
29 Locations **0 OVERDUE TASKS**
0 UPCOMING TASKS

Left-Side Menu

The left-side menu consists of sub-menus.

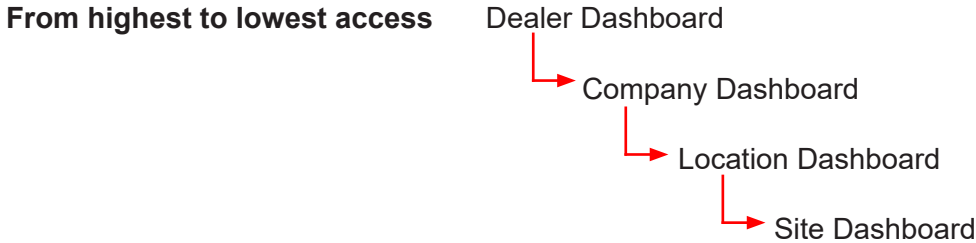
NOTE:

The Dashboard selected on the left-side menu determines what is shown on the right-side dashboard – see the following pages for examples.



Dashboards

Depending on your user permissions, the landing page displays one of four dashboards, with Dealer Dashboard having the most permissions and access, and Site Dashboard having the fewest permissions and access:

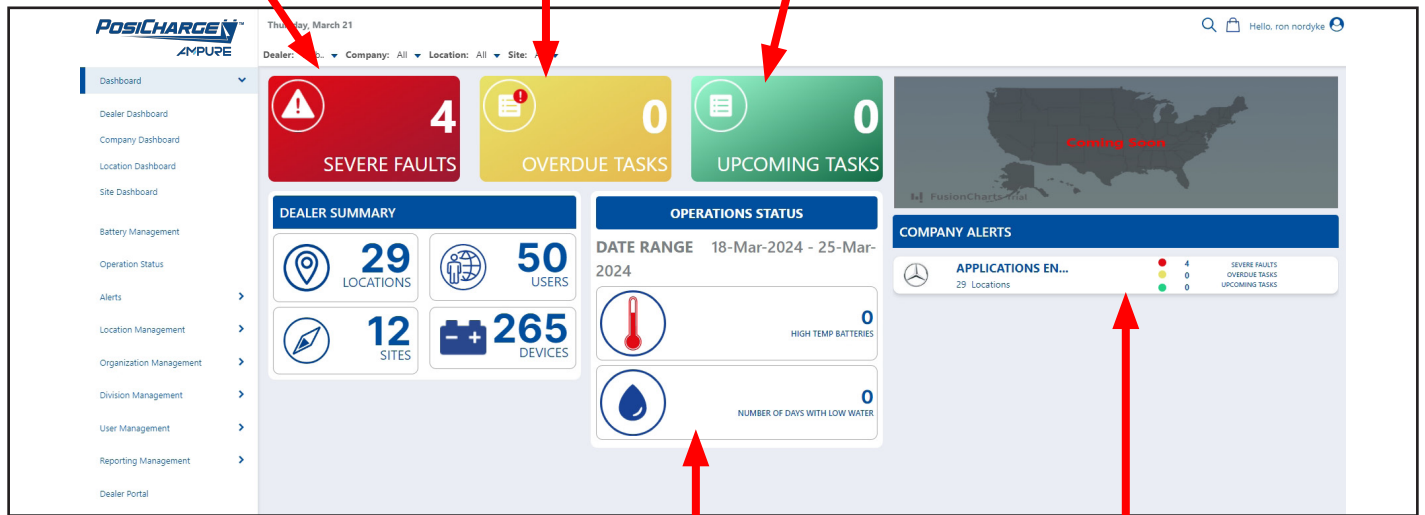


The Dealer Dashboard, Company Dashboard and Location Dashboard are very similar as shown below – the difference are based on the level of user access as shown on the following pages.

Severe Faults shows any severe faults that have occurred with charging processes.

Overdue Tasks shows any overdue tasks that need to be addressed and completed.

Upcoming Tasks shows upcoming tasks that need to be performed and completed.



The Operations Status shows:

- The number of batteries showing high temperatures
- The number of days for units that have low water

The Alerts section shows alerts for companies, locations or sites having batteries or BMIDs experiencing a severe fault, an overdue task or an upcoming task.

The Summary section in the Dealer Dashboard, Company Dashboard and Location Dashboard are also similar – the differences are based on the level of user access as shown below.

Dealer Dashboard Summary

Company Dashboard Summary

Thursday, March 21

Dealer: Web... Company: All Location: All Site: All

4 SEVERE FAULTS **0 OVERDUE TASKS** **0 UPCOMING TASKS**

LOCATION SUMMARY

- 29 LOCATIONS
- 50 USERS
- 12 SITES
- 265 DEVICES

OPERATIONS STATUS

DATE RANGE 18-Mar-2024 - 25-Mar-2024

- 0 HIGH TEMP BATTERIES
- 0 NUMBER OF DAYS WITH LOW WATER

SITE ALERTS

ALL BUILDINGS 265 DEVICES

- 0 SEVERE FAULTS
- 75 OVERDUE TASKS
- 0 UPCOMING TASKS

Map: Cooling Season

Left Sidebar: Location Dashboard (circled in red)

Location Dashboard Summary

Thursday, March 21

Dealer: Web... Company: All Location: All Site: All

4 SEVERE FAULTS **0 OVERDUE TASKS** **0 UPCOMING TASKS**

LOCATION SUMMARY

STREET ADDRESS CITY, STATE CHARGERS BATTERIES

DEVICE REPORT

Device ID	Vechile ID	Battery Capacity	SOC Status	EQ Status
000A5544	00000547	1000	93.083336	2
1789L401	1789L401	1000	75	0

OPERATIONS STATUS

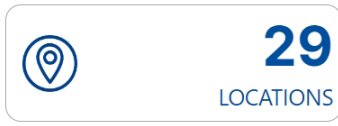
- 0 HIGH TEMP BATTERIES
- 0 NUMBER OF DAYS WITH LOW WATER

Left Sidebar: Site Dashboard (circled in red)

Site Dashboard Summary

Locations Box

Select this display a list of all locations in the PosiLink network.



- Sort the information by selecting the up or down arrows above each column.
- Select the pencil icon to update a location.
- Select the garbage icon to inactivate a location.

Organization	Location Name	Location Address	Location Country	Contact Name	Contact Email	Contact Number	Deleted	Action
Webasto	123testuu	gachibowli	India	geeth	m.geethapriyaa123@gmail.com	123 356 8665	Y	[Pencil] [Trash]
Webasto	BMID 9.19	hyderabad	USA			test	Y	[Pencil] [Trash]
Webasto	BMID L4G1 Test	Test	USA	Rupesh	Khanbandagi1@gmail.com		N	[Pencil] [Trash]
Webasto	CANTEST		USA	ashok		123456789	N	[Pencil] [Trash]
Webasto	CDMA		USA				N	[Pencil] [Trash]
Webasto	CDMAA		USA	Location	location.1@gmail.com		N	[Pencil] [Trash]
Webasto	CDMAAd		USA	test2	test@gmail.com		N	[Pencil] [Trash]
Webasto	Cell Box		USA			nathan	N	[Pencil] [Trash]
Webasto	Changi		USA				N	[Pencil] [Trash]
Webasto	Changi RMAS (2)	hyderabad	USA				Y	[Pencil] [Trash]

Add a New Location

Update a Location

Sites Box

Select this to display a list of all sites in the PosiLink network.



- Sort the information by selecting the up or down arrows above each column.
- Select the pencil icon to update a site.
- Select the garbage icon to inactivate a site.

Organization	Location	Site Name	Site Address	Site Country	Contact Name	Contact Email	Contact Number	Deleted	Action
Webasto	E-Meter IV	2G		USA	USAtest	test@gmail.com	1234123	N	
Webasto	E-Meter IV	3G		USA				N	
Webasto	E-Meter IV	4G		USA			nathan	N	
Webasto	In Progress Units	4G Int		USA			mcgee	N	
Webasto	E-Meter IV	CDMA		USA				N	
Webasto	Cell Box	CDMA1		USA	Soct	location@gmail.com		N	
Webasto	E-Meter IV	Deployable		USA				N	
Webasto	E-Meter IV	International		USA				N	
Webasto	E-Meter IV	Navitas		USA				N	
Webasto	E-Meter IV	OLD SIMS		USA				N	

Add New Site

Select Organization: [Dropdown]
Select Location: [Dropdown]
Enter Contact Name: [Text Field]
Enter Contact Email: [Text Field]
Enter Contact Number: [Text Field]

Site Name: [Text Field]
Site Address: [Text Field]
Site Country: [Dropdown]

Add a New Site

Modify Site Information

Site Name: [Text Field]
Address: [Text Field]
Site Country: [Dropdown]
Contact Name: [Text Field]
Contact Number: [Text Field]
Organization: [Dropdown]
Location: [Dropdown]

Update a Site

Users Box

Select this to display a list of all users in the PosiLink network.


50
USERS

- Sort the information by selecting the up or down arrows above each column.
- Select the garbage icon to inactivate a user.



[Add New Users](#)

Search by email

Users Show Entries: 10										
Organization	Division	Location	Site	Email Address ▲	First Name ▲	Last Name ▲	Role ▲	Mobile No ▲	Telephone No ▲	Action
Webasto	ALL	ALL	ALL	adrian.perales@webasto.com	Adrian	Perales	DEALER_ADMIN			
Webasto	ALL	ALL	ALL	Manuel.Miranda@webasto.com	BMID	Production	DEALER_ADMIN			
Webasto	ALL	ALL	ALL	Ben.Astvazaturov@webasto.com	Ben	Astvazaturov	DEALER_ADMIN			
Webasto	ALL	ALL	ALL	Brian.Izumida@webasto.com	Brian	Izumida	DEALER_ADMIN			
Webasto	ALL	ALL	ALL	Chris.Nsavu-Nzau@webasto.com	Chris	Nsavu-Nzau	DEALER_ADMIN			
Webasto	ALL	ALL	ALL	Christopher.Wall@webasto.com	Christopher	Wall	DEALER_ADMIN			
Webasto	ALL	ALL	ALL	dariantam51@gmail.com	Company	Admin	COMPANY_ADMIN			
Webasto	Applications Engineering	ALL	ALL	khan.greatlogics@gmail.com	Company A	Admin	COMPANY_ADMIN			
Webasto	Applications Engineering	ALL	ALL	zskcpcxcbgiunlvh@cazlv.com	Company Admin	Test	COMPANY_ADMIN			
Webasto	ALL	ALL	ALL	Dan.Dresselhaus@webasto.com	Dan	Dresselhaus	DEALER_ADMIN			

< 1 2 3 4 5 >

Add a New User

[Add New Users](#)

Select User Type
 Dealer Company Location Site

* Organization

* First Name

Mobile No

Photo URL

* Select Role

* Email

Last Name

Telephone No

Search by email

Users Show Entries: 10										
Organization	Division	Location	Site	Email Address ▲	First Name ▲	Last Name ▲	Role ▲	Mobile No ▲	Telephone No ▲	Action
Webasto	ALL	ALL	ALL	adrian.perales@webasto.com	Adrian	Perales	DEALER_ADMIN			
Webasto	ALL	ALL	ALL	Manuel.Miranda@webasto.com	BMID	Production	DEALER_ADMIN			

Devices Box

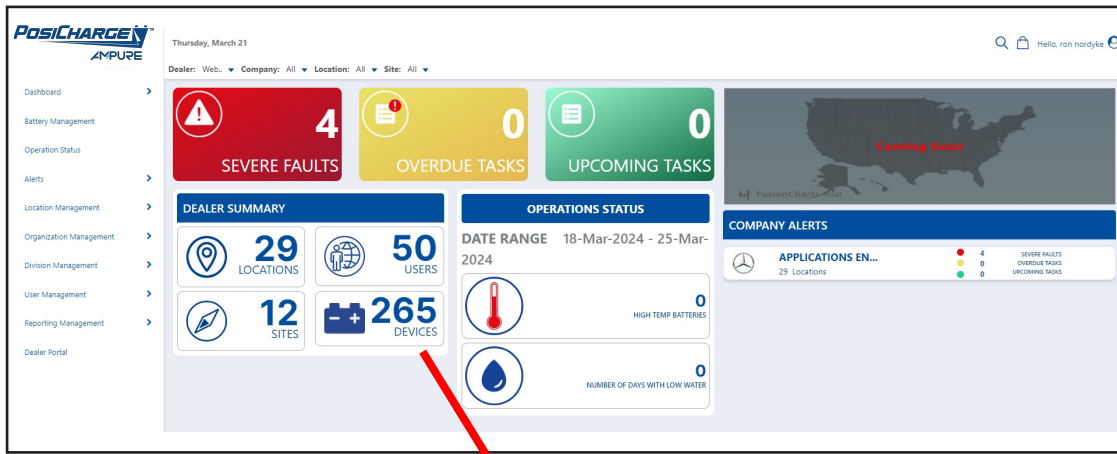
Select this to display a list of all devices in the PosiLink network.



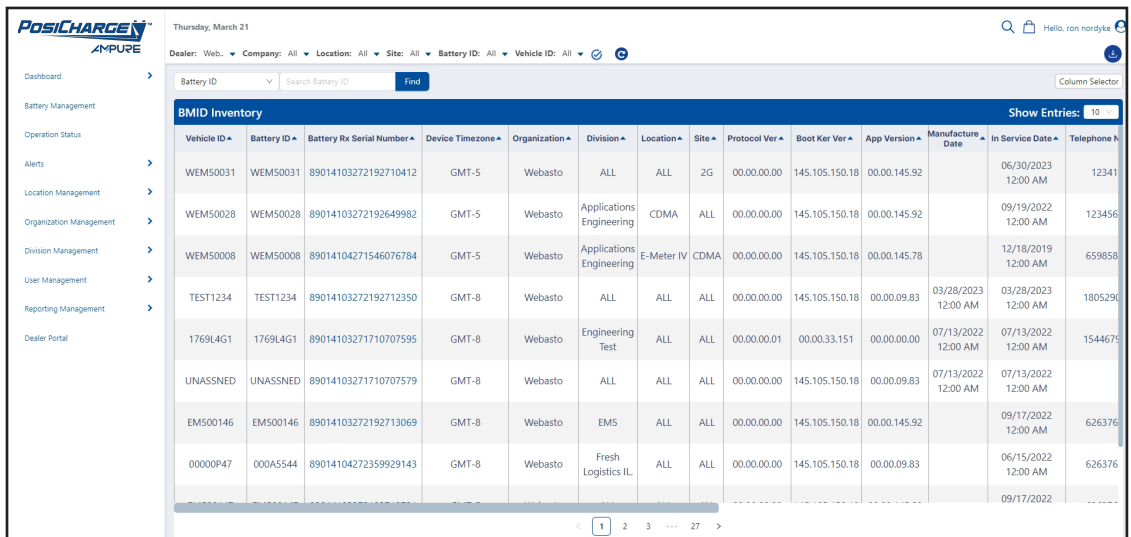
A rectangular box with a blue battery icon on the left and the text "265 DEVICES" in large blue font on the right.

The Devices box simply reveals how many devices are connected to the system. To see detailed information for the devices, select the **Battery Management** tab on the left side of the page.

When the Battery Management page opens, you can sort the data according to 23 different columns – see the next page for more information.



The screenshot shows the PosiCharge AMPURE dashboard. On the left is a navigation menu with "Battery Management" selected. The main area features several summary cards: "SEVERE FAULTS" (4), "OVERDUE TASKS" (0), and "UPCOMING TASKS" (0). Below these are "DEALER SUMMARY" cards for "29 LOCATIONS", "50 USERS", "12 SITES", and "265 DEVICES". A red arrow points from the "265 DEVICES" card to the "Battery Management" section of the dashboard below.



The screenshot shows the "Battery Management" page with a search bar and a "BMD Inventory" table. The table has 23 columns: Vehicle ID, Battery ID, Battery Rx Serial Number, Device Timezone, Organization, Division, Location, Site, Protocol Ver, Boot Ker Ver, App Version, Manufacture Date, In Service Date, and Telephone N. The table contains several rows of device data.

Vehicle ID	Battery ID	Battery Rx Serial Number	Device Timezone	Organization	Division	Location	Site	Protocol Ver	Boot Ker Ver	App Version	Manufacture Date	In Service Date	Telephone N
WEM50031	WEM50031	89014103272192710412	GMT-5	Webasto	ALL	ALL	2G	00.00.00.00	145.105.150.18	00.00.145.92		06/30/2023 12:00 AM	12341
WEM50028	WEM50028	89014103272192649982	GMT-5	Webasto	Applications Engineering	CDMA	ALL	00.00.00.00	145.105.150.18	00.00.145.92		09/19/2022 12:00 AM	123456
WEM50008	WEM50008	89014104271546076784	GMT-5	Webasto	Applications Engineering	E-Meter IV	CDMA	00.00.00.00	145.105.150.18	00.00.145.78		12/18/2019 12:00 AM	659858
TEST1234	TEST1234	89014103272192712350	GMT-8	Webasto	ALL	ALL	ALL	00.00.00.00	145.105.150.18	00.00.09.83	03/28/2023 12:00 AM	03/28/2023 12:00 AM	1805290
1769L4G1	1769L4G1	89014103271710707595	GMT-8	Webasto	Engineering Test	ALL	ALL	00.00.00.01	00.00.33.151	00.00.00.00	07/13/2022 12:00 AM	07/13/2022 12:00 AM	1544675
UNASSNED	UNASSNED	89014103271710707579	GMT-8	Webasto	ALL	ALL	ALL	00.00.00.00	145.105.150.18	00.00.09.83	07/13/2022 12:00 AM	07/13/2022 12:00 AM	
EM500146	EM500146	89014103272192713069	GMT-8	Webasto	EMS	ALL	ALL	00.00.00.00	145.105.150.18	00.00.145.92		09/17/2022 12:00 AM	626376
00000P47	000A5544	89014104272359929143	GMT-8	Webasto	Fresh Logistics IL	ALL	ALL	00.00.00.00	145.105.150.18	00.00.09.83		06/15/2022 12:00 AM	626376

Battery Management

Select this from the left-side to display the following items:

Vehicle ID	Site	Enabled Y/N
Battery ID	Protocol Version	Enabled Date
Battery Rx Serial Number	Boot Ker Version	E-Meter Identifier
Battery Rx SIM #	App Version	E-Meter Session ID
Device Time Zone	Manufacturer Date	Contract Start Date
Organization	In-Service Date	Contract End Date
Division	Telephone Number	Date Updated
Location	Last Contact Date	

Any of these columns of information can be sorted alphabetically from A to Z or from the lowest to the highest number.

Thursday, March 21

Dealer: Web. Company: All Location: All Site: All Battery ID: All Vehicle ID: All

Battery ID Search Battery ID Find Column Selector

Vehicle ID	Battery ID	Battery Rx Serial Number	Device Timezone	Organization	Division	Location	Site	Protocol Ver	Boot Ker Ver	App Version	Manufacture Date	In Service Date	Telephone N
WEM50031	WEM50031	89014103272192710412	GMT-5	Webasto	ALL	ALL	2G	00.00.00.00	145.105.150.18	00.00.145.92		06/30/2023 12:00 AM	12341
WEM50028	WEM50028	89014103272192649982	GMT-5	Webasto	Applications Engineering	CDMA	ALL	00.00.00.00	145.105.150.18	00.00.145.92		09/19/2022 12:00 AM	123456
WEM50008	WEM50008	89014104271546076784	GMT-5	Webasto	Applications Engineering	E-Meter IV	CDMA	00.00.00.00	145.105.150.18	00.00.145.78		12/18/2019 12:00 AM	659858
TEST1234	TEST1234	89014103272192712350	GMT-8	Webasto	ALL	ALL	ALL	00.00.00.00	145.105.150.18	00.00.09.83	03/28/2023 12:00 AM	03/28/2023 12:00 AM	1805290
1769L4G1	1769L4G1	89014103271710707595	GMT-8	Webasto	Engineering Test	ALL	ALL	00.00.00.01	00.00.33.151	00.00.00.00	07/13/2022 12:00 AM	07/13/2022 12:00 AM	1544675
UNASSNED	UNASSNED	89014103271710707579	GMT-8	Webasto	ALL	ALL	ALL	00.00.00.00	145.105.150.18	00.00.09.83	07/13/2022 12:00 AM	07/13/2022 12:00 AM	
EM500146	EM500146	89014103272192713069	GMT-8	Webasto	EM5	ALL	ALL	00.00.00.00	145.105.150.18	00.00.145.92		09/17/2022 12:00 AM	626376
00000P47	000A5544	89014104272359929143	GMT-8	Webasto	Fresh Logistics IL	ALL	ALL	00.00.00.00	145.105.150.18	00.00.09.83		06/15/2022 12:00 AM	626376
												09/17/2022	

1 2 3 ... 27 >

Column Selector

Select this from the top-right corner of the page to display or hide columns by selecting or deselecting the check boxes.

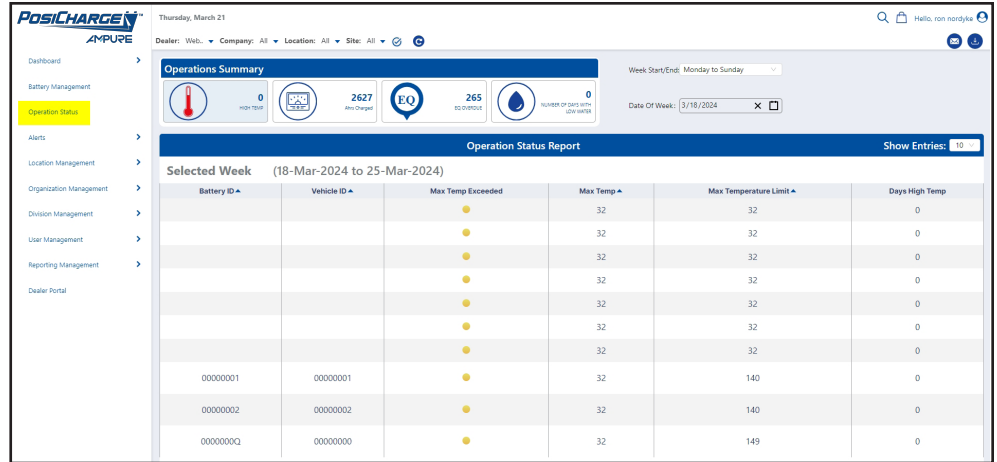
The screenshot displays the PosiCharge AMPURE web application interface. At the top, there is a navigation menu on the left and a header area with filters for Dealer, Company, Location, Site, Battery ID, and Vehicle ID. The main content area shows a table titled "BMID Inventory" with columns for Vehicle ID, Battery ID, Battery Rx Serial Number, Device Timezone, Organization, Division, Location, Site, Protocol Ver, Boot Ker Ver, and App Version. A "Column Selector" dialog box is open on the right side of the table, allowing users to toggle the visibility of various columns. The dialog includes options for "Clear All", "Select All", and individual checkboxes for each column. The "Apply Changes" button is visible at the bottom of the dialog.

Vehicle ID	Battery ID	Battery Rx Serial Number	Device Timezone	Organization	Division	Location	Site	Protocol Ver	Boot Ker Ver	App Version	Man
WEM50031	WEM50031	89014103272192710412	GMT-5	Webasto	ALL	ALL	2G	00.00.00.00	145.105.150.18	00.00.145.92	
WEM50028	WEM50028	89014103272192649982	GMT-5	Webasto	Applications Engineering	CDMA	ALL	00.00.00.00	145.105.150.18	00.00.145.92	
WEM50008	WEM50008	89014104271546076784	GMT-5	Webasto	Applications Engineering	E-Meter IV	CDMA	00.00.00.00	145.105.150.18	00.00.145.78	
TEST1234	TEST1234	89014103272192712350	GMT-8	Webasto	ALL	ALL	ALL	00.00.00.00	145.105.150.18	00.00.09.83	03/12
1769L4G1	1769L4G1	89014103271710707595	GMT-8	Webasto	Engineering Test	ALL	ALL	00.00.00.01	00.00.33.151	00.00.00.00	07/12
UNASSNED	UNASSNED	89014103271710707579	GMT-8	Webasto	ALL	ALL	ALL	00.00.00.00	145.105.150.18	00.00.09.83	07/12
EM500146	EM500146	89014103272192713069	GMT-8	Webasto	EM5	ALL	ALL	00.00.00.00	145.105.150.18	00.00.145.92	
00000P47	000A5544	89014104272359929143	GMT-8	Webasto	Fresh Logistics IL	ALL	ALL	00.00.00.00	145.105.150.18	00.00.09.83	

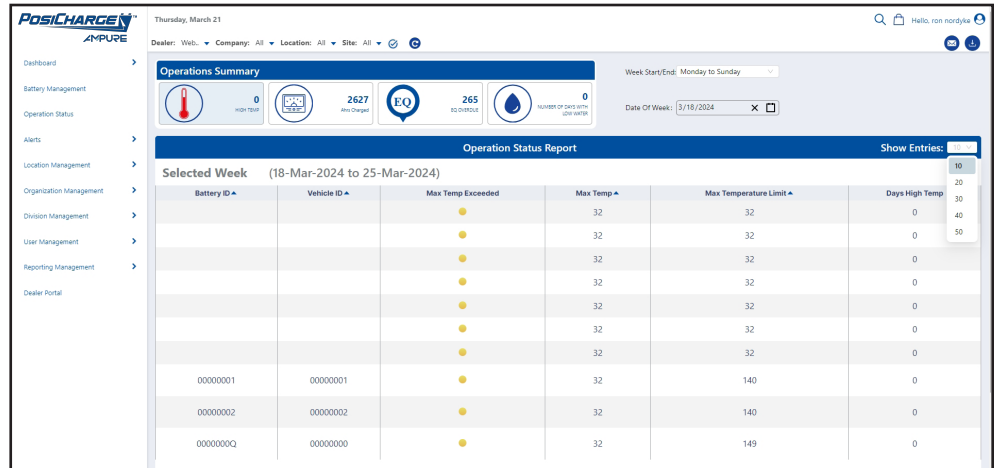
Operation Status

Select this from the left-side to display the operation status report.

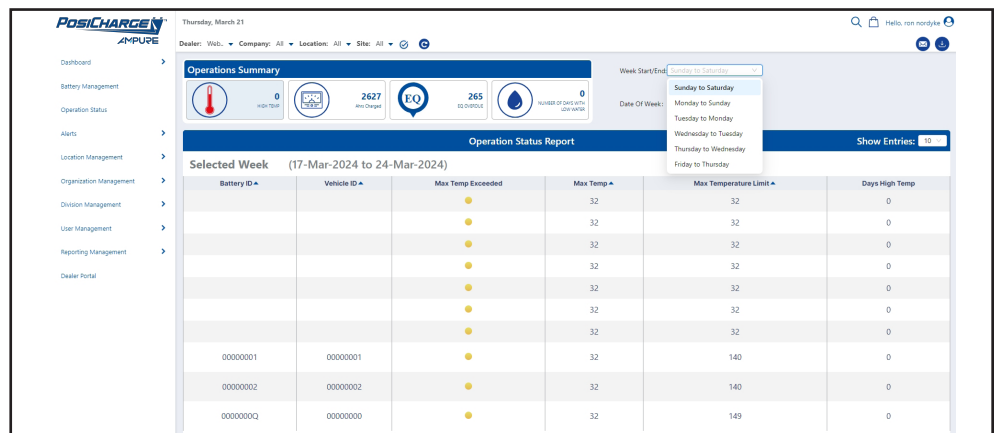
This includes the option to sort the data by high temperature report, amp-hours charged, EQ overdue dates and times, and lower water status.



You can also select the number of entries to be displayed.



And you can choose which day of the week you want to show as the start of the display.



Alerts – Weekly Issues

Select this from the left-side menu displays any Weekly Issues that might be of concern.

You can select the date range – or set a custom date range – from the top-right corner of the page.

The screenshot shows the PosiCharge AMPURE interface. On the left is a navigation menu with items: Dashboard, Battery Management, Operation Status, Alerts (selected), Weekly Issues, Location Management, Organization Management, Division Management, User Management, Reporting Management, and Dealer Portal. The main content area is titled 'Issues Report' and shows data for the 'Last 7 Days' (15-Mar-2024 to 21-Mar-2024). The data is presented in a table-like format with the following rows:

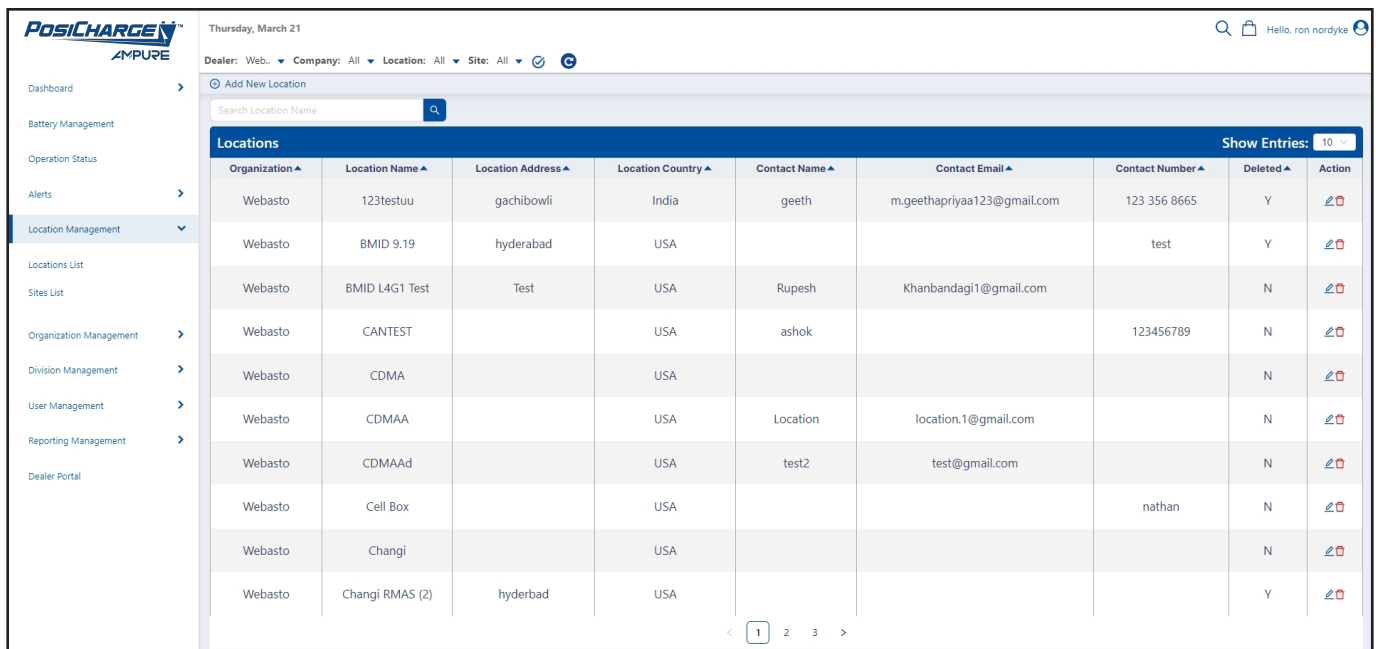
Metric	Value
Ahs Charged	374986
Ahs Discharged	377888
Lowest Battery SOC	26
Highest Battery SOC	100
Last EQ Completed	03/11/2024 12:40 PM
Lowest Battery Temperature	78.8
Highest Battery Temperature	(n/a)

Location Management





















Locations List

Select this to display the list companies and their addresses where they have active BMIDs on the PosiLink network.

- Select **Add New Location** on the top-left side of the page to add a new location.
- Select the pencil icon to update a location.
- Select the garbage bin icon to inactivate a location.
- Select the up or down arrows at the top of any given to sort the list alphabetically.



The screenshot shows the PosiLink web application interface. The top navigation bar includes the PosiCharge AMPURE logo, the date "Thursday, March 21", and a user profile "Hello, ron.nordyke". Below the navigation bar, there are filters for "Dealer: Web...", "Company: All", "Location: All", and "Site: All". A search bar for "Locations" is present, along with a "Show Entries: 10" dropdown. The main content area displays a table with the following columns: Organization, Location Name, Location Address, Location Country, Contact Name, Contact Email, Contact Number, Deleted, and Action. The table contains 10 rows of location data.

Organization	Location Name	Location Address	Location Country	Contact Name	Contact Email	Contact Number	Deleted	Action
Webasto	123testuu	gachibowli	India	geeth	m.geethapriya123@gmail.com	123 356 8665	Y	 
Webasto	BMID 9.19	hyderabad	USA			test	Y	 
Webasto	BMID L4G1 Test	Test	USA	Rupesh	Khanbandagi1@gmail.com		N	 
Webasto	CANTEST		USA	ashok		123456789	N	 
Webasto	CDMA		USA				N	 
Webasto	CDMAA		USA	Location	location.1@gmail.com		N	 
Webasto	CDMAAd		USA	test2	test@gmail.com		N	 
Webasto	Cell Box		USA			nathan	N	 
Webasto	Changi		USA				N	 
Webasto	Changi RMAS (2)	hyderabad	USA				Y	 

Sites

Select this to display a list of specific sites where BMIDs are connected to the PosiLink network.

- Select **Add New Site** on the top-left side of the page to add a new site.
- Select the pencil icon to update a site.
- Select the garbage bin icon to inactivate a site.
- Select the up or down arrows at the top of any given column to sort the list alphabetically.

Thursday, March 21

Dealer: Web. Company: All Location: All Site: All

Search Location Name

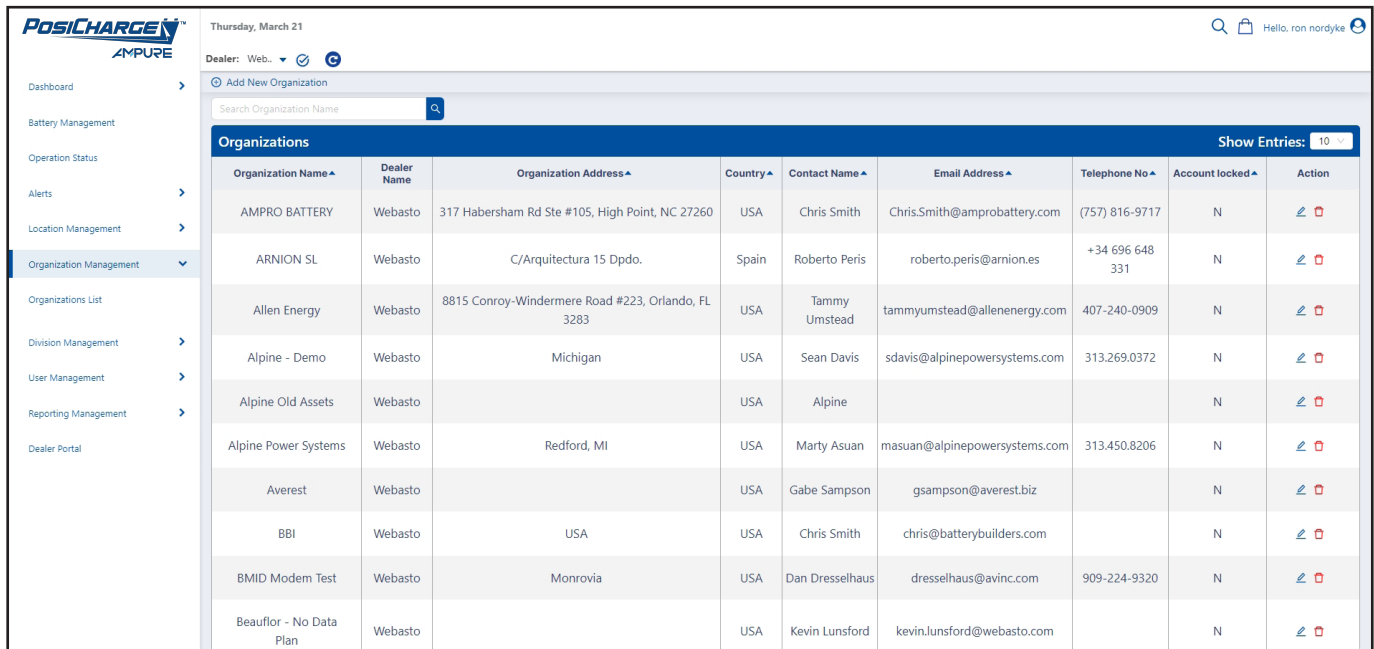
Locations								Show Entries: 10
Organization	Location Name	Location Address	Location Country	Contact Name	Contact Email	Contact Number	Deleted	Action
Webasto	123testuu	gachibowli	India	geeth	m.geethapriyaa123@gmail.com	123 356 8665	Y	
Webasto	BMID 9.19	hyderabad	USA			test	Y	
Webasto	BMID L4G1 Test	Test	USA	Rupesh	Khanbandagi1@gmail.com		N	
Webasto	CANTEST		USA	ashok		123456789	N	
Webasto	CDMA		USA				N	
Webasto	CDMAA		USA	Location	location.1@gmail.com		N	
Webasto	CDMAAd		USA	test2	test@gmail.com		N	
Webasto	Cell Box		USA			nathan	N	
Webasto	Changi		USA				N	
Webasto	Changi RMAS (2)	hyderabad	USA				Y	

< 1 2 3 >

Organization Management – Organization List

Select this to display a list of all organizations in the PosiLink Network.

- Sort the information by selecting the up or down arrows above each column.
- Select **Add New Organization** on the top-left side of the page to add a new organization.
- Select the pencil icon to update an organization.
- Select the garbage bin icon to inactivate an organization.
- Select the return key arrow to map an organization.



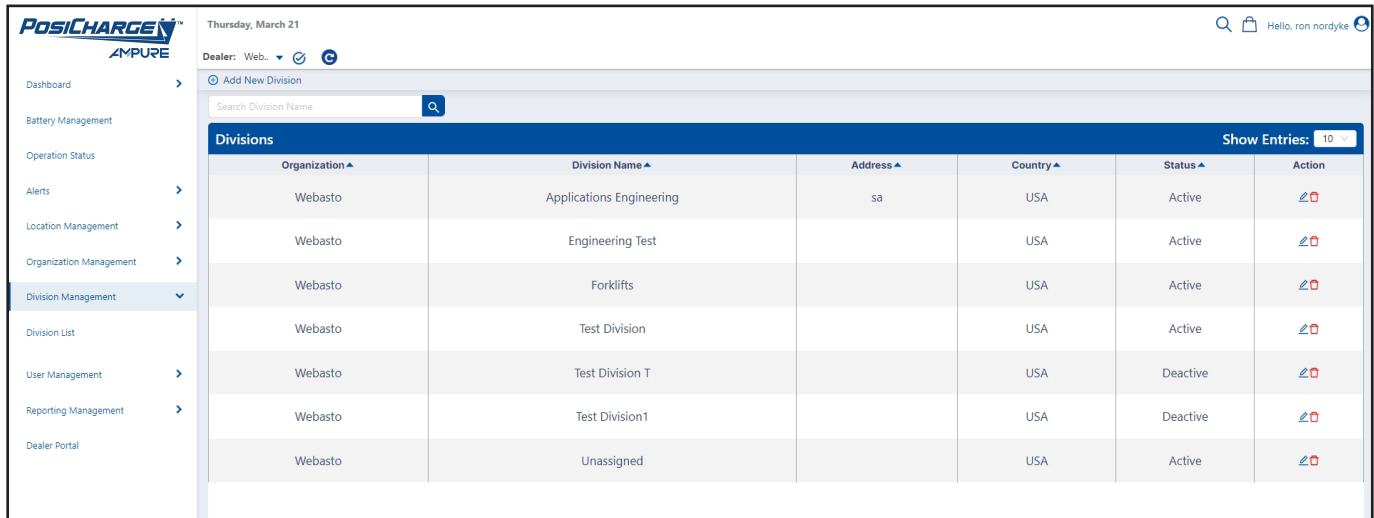
The screenshot shows the PosiLink Organization Management interface. The top navigation bar includes the PosiCharge AMPURE logo, the date "Thursday, March 21", and a user profile "Hello, ron nordyke". Below the navigation bar, there is a "Dealer: Web..." dropdown and a "G" icon. The main content area features a "Add New Organization" button and a search bar for "Search Organization Name". A table titled "Organizations" displays a list of organizations with columns for Organization Name, Dealer Name, Organization Address, Country, Contact Name, Email Address, Telephone No, Account locked, and Action. The table shows 10 entries, with the first entry being AMPRO BATTERY and the last being Beauflor - No Data Plan.

Organization Name	Dealer Name	Organization Address	Country	Contact Name	Email Address	Telephone No	Account locked	Action
AMPRO BATTERY	Webasto	317 Habersham Rd Ste #105, High Point, NC 27260	USA	Chris Smith	Chris.Smith@amprobattery.com	(757) 816-9717	N	
ARNION SL	Webasto	C/Arquitectura 15 Dpdo.	Spain	Roberto Peris	roberto.peris@arnion.es	+34 696 648 331	N	
Allen Energy	Webasto	8815 Conroy-Windermere Road #223, Orlando, FL 3283	USA	Tammy Umstead	tammyumstead@allenergy.com	407-240-0909	N	
Alpine - Demo	Webasto	Michigan	USA	Sean Davis	sdavis@alpinepowersystems.com	313.269.0372	N	
Alpine Old Assets	Webasto		USA	Alpine			N	
Alpine Power Systems	Webasto	Redford, MI	USA	Marty Asuan	masuan@alpinepowersystems.com	313.450.8206	N	
Averest	Webasto		USA	Gabe Sampson	gsampson@averest.biz		N	
BBI	Webasto	USA	USA	Chris Smith	chris@batterybuilders.com		N	
B MID Modem Test	Webasto	Monrovia	USA	Dan Dresselhaus	dresselhaus@avinc.com	909-224-9320	N	
Beauflor - No Data Plan	Webasto		USA	Kevin Lunsford	kevin.lunsford@webasto.com		N	















Division Management – Division List

Select this to display a list of all divisions in the PosiLink Network.

- Sort the information by selecting the up or down arrows above each column.
- Select **Add New Division** on the top-left side of the page to add a new division.
- Select the pencil icon to update a division.
- Select the garbage bin icon to deactivate a division.



The screenshot shows the PosiLink user interface. At the top left is the PosiCharge AMPURE logo. The date is Thursday, March 21. The dealer is Webasto. There is a search bar for 'Search Division Name' and a 'Show Entries: 10' dropdown. The main content is a table with the following data:

Organization	Division Name	Address	Country	Status	Action
Webasto	Applications Engineering	sa	USA	Active	 
Webasto	Engineering Test		USA	Active	 
Webasto	Forklifts		USA	Active	 
Webasto	Test Division		USA	Active	 
Webasto	Test Division T		USA	Deactive	 
Webasto	Test Division1		USA	Deactive	 
Webasto	Unassigned		USA	Active	 

User Management

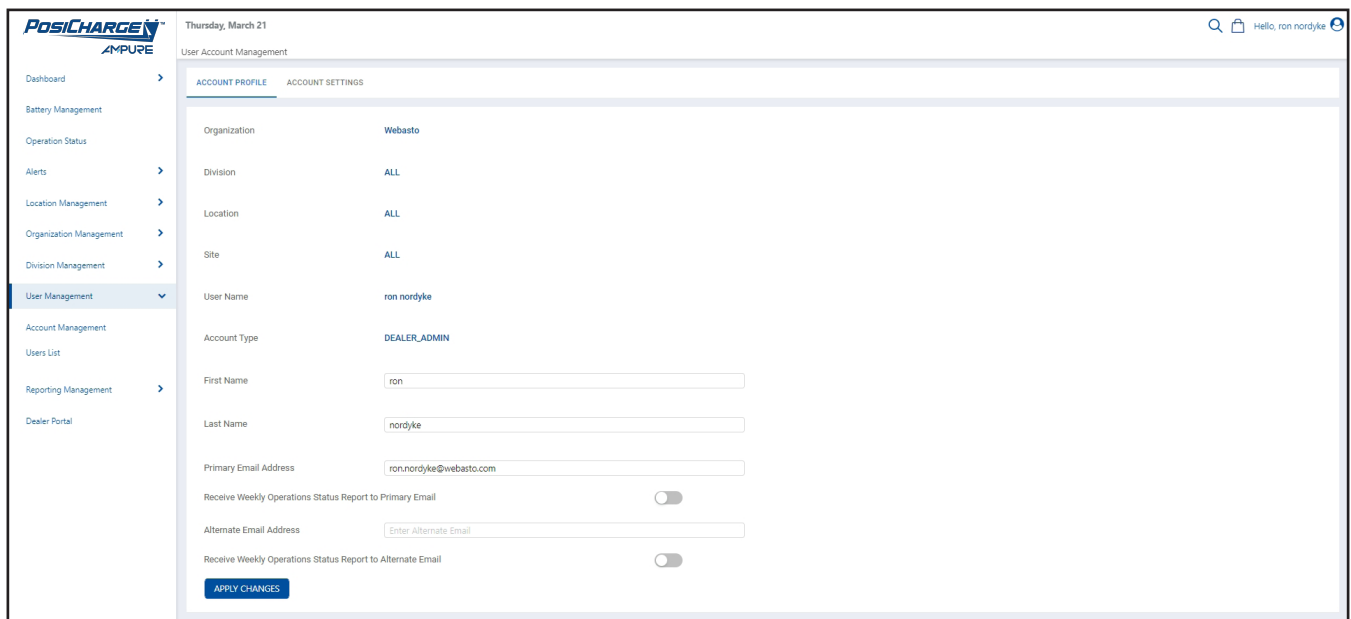
Account Management

Select this to display your Account Profile and Account Settings.

Under Account Profile, you can:

- Change the name on the account
- Change the primary email address
- Elect to receive a weekly operation status report via email
- Elect to receive a weekly operation status report via alternative email.

When you're finished updating the information on the page, select **Apply Changes**.



The screenshot displays the 'User Account Management' interface. The left sidebar contains a navigation menu with options: Dashboard, Battery Management, Operation Status, Alerts, Location Management, Organization Management, Division Management, User Management (selected), Account Management, Users List, Reporting Management, and Dealer Portal. The main content area is titled 'User Account Management' and has two tabs: 'ACCOUNT PROFILE' (active) and 'ACCOUNT SETTINGS'. The 'ACCOUNT PROFILE' tab shows the following information:

Organization	Webasto
Division	ALL
Location	ALL
Site	ALL
User Name	ron nordyke
Account Type	DEALER_ADMIN
First Name	<input type="text" value="ron"/>
Last Name	<input type="text" value="nordyke"/>
Primary Email Address	<input type="text" value="ron.nordyke@webasto.com"/>
Receive Weekly Operations Status Report to Primary Email	<input type="checkbox"/>
Alternate Email Address	<input type="text" value="Enter Alternate Email"/>
Receive Weekly Operations Status Report to Alternate Email	<input type="checkbox"/>

At the bottom of the form is a blue button labeled 'APPLY CHANGES'.

Under Account Settings, you can display your account profile and the account settings. Under this setting, you can:

- Enable automated email alerts
- Select battery fault alert categories
- Select battery fault alert types
- Enable charge fault alerts
- Add an email address where these alerts will be delivered

When you're finished making your selections, select **Apply Changes**.

The screenshot displays the 'User Account Management' interface for PosiCharge AMPURE. The page is titled 'Thursday, March 21' and 'User Account Management'. The left sidebar contains a navigation menu with options: Dashboard, Battery Management, Operation Status, Alerts, Location Management, Organization Management, Division Management, User Management (selected), Account Management, Users List, Reporting Management, and Dealer Portal. The main content area is titled 'ACCOUNT SETTINGS' and includes the following sections:

- Enable Automated Email Alerts:** A toggle switch is currently turned off.
- Battery Fault Alert Categories:**
 - Basic SOS Alert-may not require customer service:** A toggle switch is currently turned off. Below it are three unchecked checkboxes: 'Battery Low Voltage', 'BMSD I3I Power Interruption', and 'Days Since Last Charge Exceeded'.
 - Critical SOS Alerts-customer service recommended:** A toggle switch is currently turned off. Below it are four unchecked checkboxes: 'Battery High Temperature Limit', 'Battery High Voltage', 'Battery Low SOC', and 'Battery Low Water'.
- Battery Fault Alert Types:** A toggle switch is currently turned off. Below it are seven unchecked checkboxes: 'Specified SOS Type Alerts', 'Battery Low Temperature Limit', 'Current Exceeds Limit', 'Current Sensor Failure', 'Days Since Last Complete EQ Exceeded', 'EQ Current Out Of Limit', and 'Pack Imbalance Exceeded'.
- Enable Charge Fault Email Alerts:** A toggle switch is currently turned off.
- Email Address For Notification:** A text input field contains the email address 'Email@webasto.com'. Above the field is a note: 'Use commas to separate email addresses. In order to receive SMS, you can type your 10 digits phone number @ your Mobile Provider SMS gateway domain i.e for T-Mobile number: 6261636465@tmomail.net. (You can find your mobile provider SMS gateway online and/or in http://en.wikipedia.org/wiki/SMS_gateway)'.

At the bottom left of the main content area, there is a blue button labeled 'APPLY CHANGES'.

Users List

Select this to display users who are registered in the PosiLink network.

- Select **Add New Users** at the top-left corner of the page to add a new user.
- Select the top-left drop-down to sort the information by first name, last name or by email.
- Type the email of the user you're searching for in the box to the right and select the magnifying glass icon.
- Select the up or down arrows at the top of any given to sort the list alphabetically.
- Select the garbage bin icon to inactivate a site.

Thursday, March 21

Dealer: Web. Company: All Location: All Site: All

Add New Users

Search by email Search by email

Organization	Division	Location	Site	Email Address	First Name	Last Name	Role	Mobile No	Telephone No	Action
Webasto	ALL	ALL	ALL	adrian.perales@webasto.com	Adrian	Perales	DEALER_ADMIN			
Webasto	ALL	ALL	ALL	Manuel.Miranda@webasto.com	BMID	Production	DEALER_ADMIN			
Webasto	ALL	ALL	ALL	Ben.Astvazaturov@webasto.com	Ben	Astvazaturov	DEALER_ADMIN			
Webasto	ALL	ALL	ALL	blake.dickinson@raymondcorp.com	Blake	Dickinson	DEALER_ADMIN			
Webasto	ALL	ALL	ALL	Brian.Izumida@webasto.com	Brian	Izumida	DEALER_ADMIN			
Webasto	ALL	ALL	ALL	Chris.Nsavu-Nzau@webasto.com	Chris	Nsavu-Nzau	DEALER_ADMIN			
Webasto	ALL	ALL	ALL	Christopher.Wall@webasto.com	Christopher	Wall	DEALER_ADMIN			
Webasto	Applications Engineering	ALL	ALL	Khanbandagi1@gmail.com	Company	Admin	COMPANY_ADMIN			
Webasto	ALL	ALL	ALL	Dan.Dresselhaus@webasto.com	Dan	Dresselhaus	DEALER_ADMIN			
Webasto	ALL	ALL	ALL	don.martirez@webasto.com	Don	Martirez	DEALER_ADMIN			

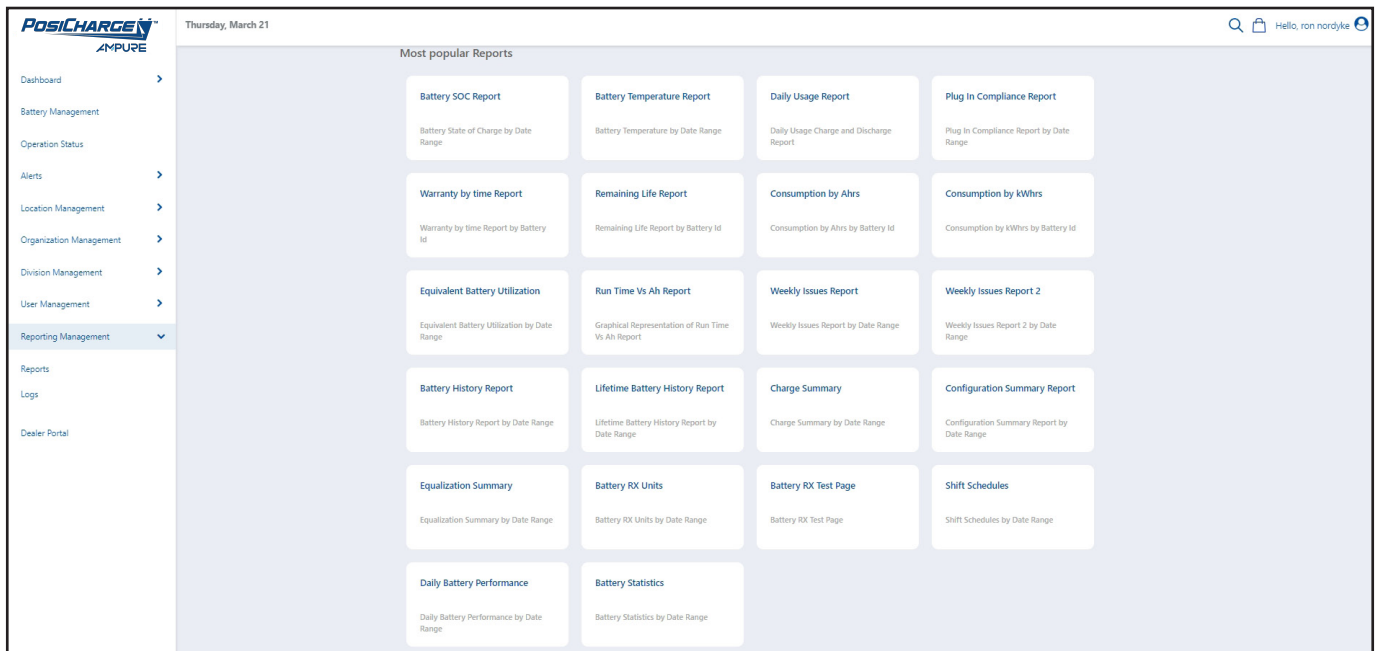
Show Entries: 10

REPORTING MANAGEMENT

Reports

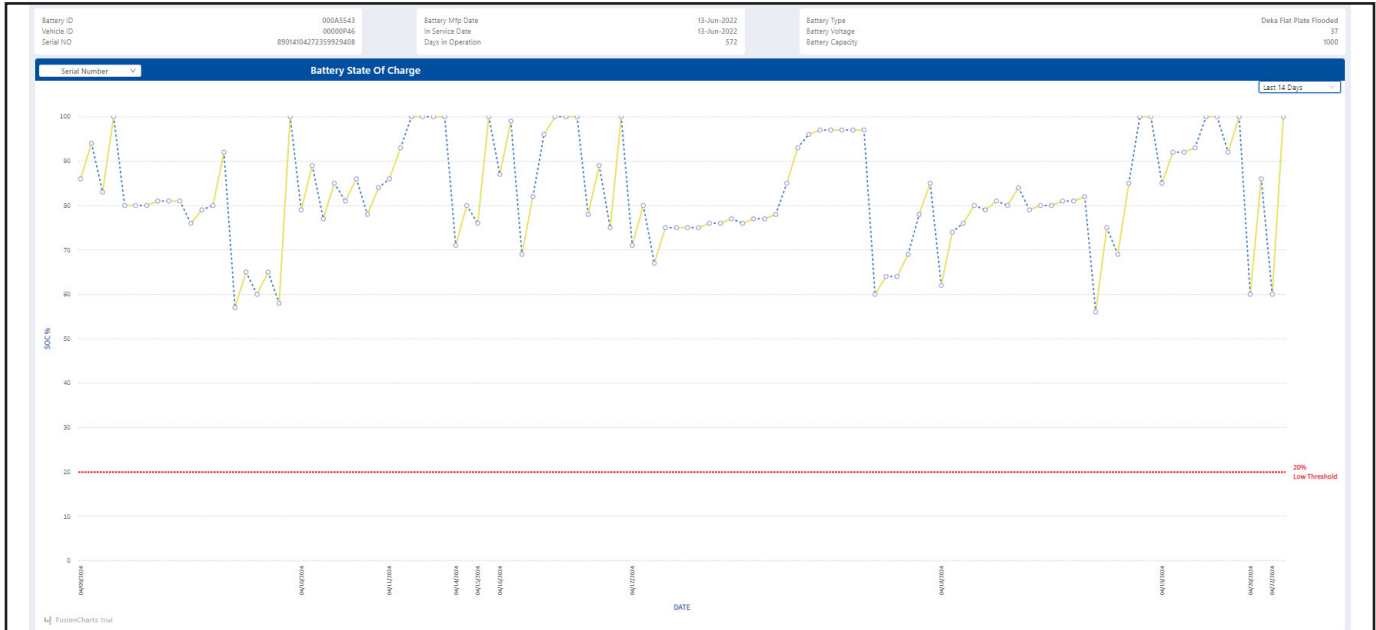
Selecting this displays 22 different options:

Battery SOC Report	Battery Temperature Report	Daily Usage Report	Plug-In Compliance Report
Warranty by Time Report	Remaining Life Report	Consumption by Ahrs	Consumption by kWhrs
Equivalent Battery Utilization	Run time vs Ah Report	Weekly Issues Report	Weekly Issues Report 2
Battery History Report	Lifetime Battery History Report	Charge Summary	Configuration Summary Report
Equalization Summary	Battery Rx Units	Battery Rx Test Page	Shift Schedules
Daily Battery Performance	Battery Statistics		



Battery SOC (State of Charge) Report

Select this display a graph showing the state of charge for batteries in the PosiLink network. On the upper right-corner of the page, you can select the number of days to display in the graph, or you can select a custom date range.



Battery Temperature

Select this to display a graph showing the temperature of the batteries in the PosiLink network. On the upper right-corner of the page, you can select the number of days to display in the graph, or you can select a custom date range.



Daily Usage Report

Select this to display graphs showing the total number of amp hours in, amp hours out and over/under charge.

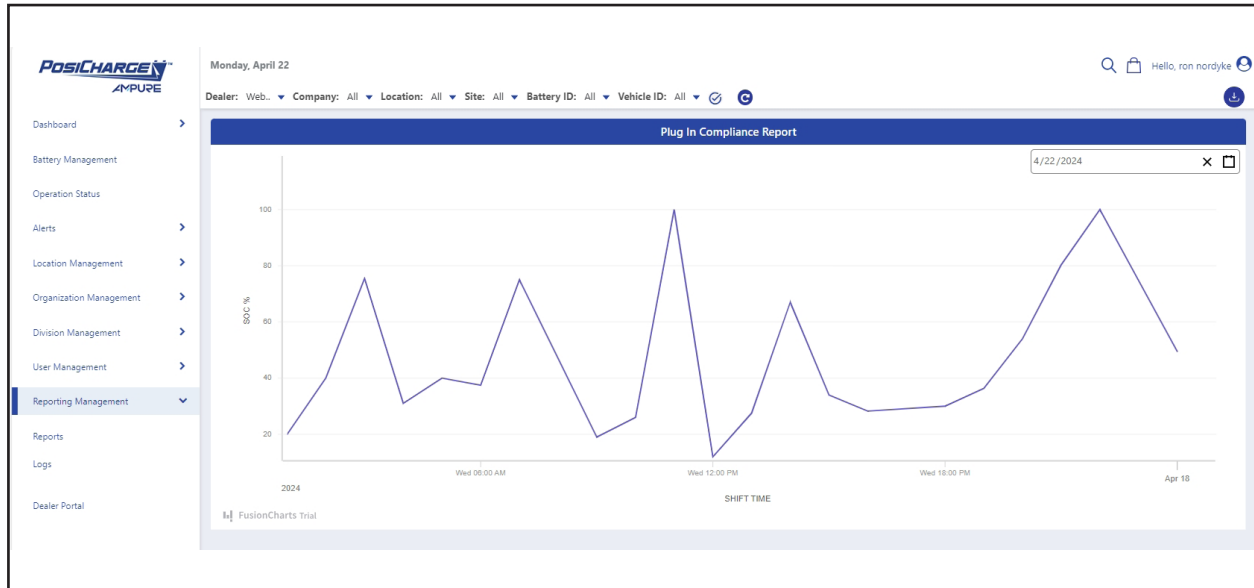
- On the upper right-corner of the page, you can select the number of days to display in the graph, or you can select a custom date range.
- Select the yellow, blue and red buttons as shown below to show or hide data.



Plug In Compliance Report

Select this to display a graph showing if batteries are meeting plug in compliance.

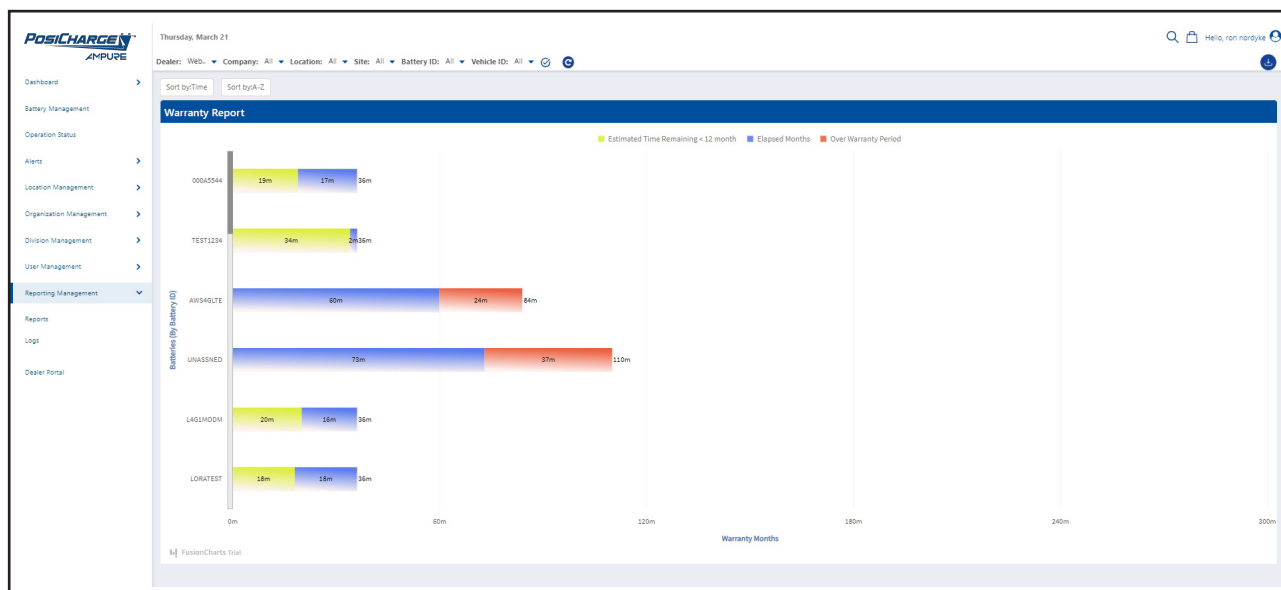
On the upper right-corner of the page, you can select the number of days to display in the graph, or you can select a custom date range.



Warranty by Time Report

Select this to display a graph showing the estimated time remaining on a battery warranty, the time that has already elapsed on the warranty, and any over-warranty period.

Select the yellow, blue and red buttons as shown below to show or hide data.



On the upper-left corner of the page, you can sort the graph by time...



Or you can sort the graph alphabetically (from A to Z).



Remaining Life Report

Select this to display a graph showing the remaining life of batteries in the PosiLink network.

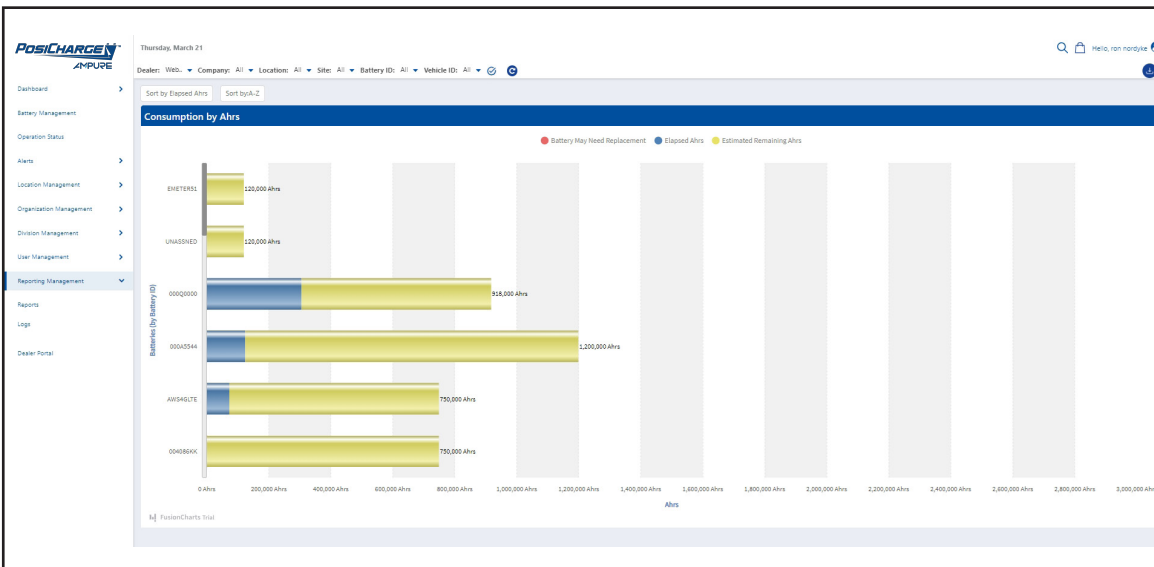
- Select the yellow and blue buttons to show or hide data.
- You can also select **Sort by Estimate Life Remaining** from the upper-left corner of the page.



Consumption by Ahrs

Select this to display a graph showing how many amps hours each battery has consumed.

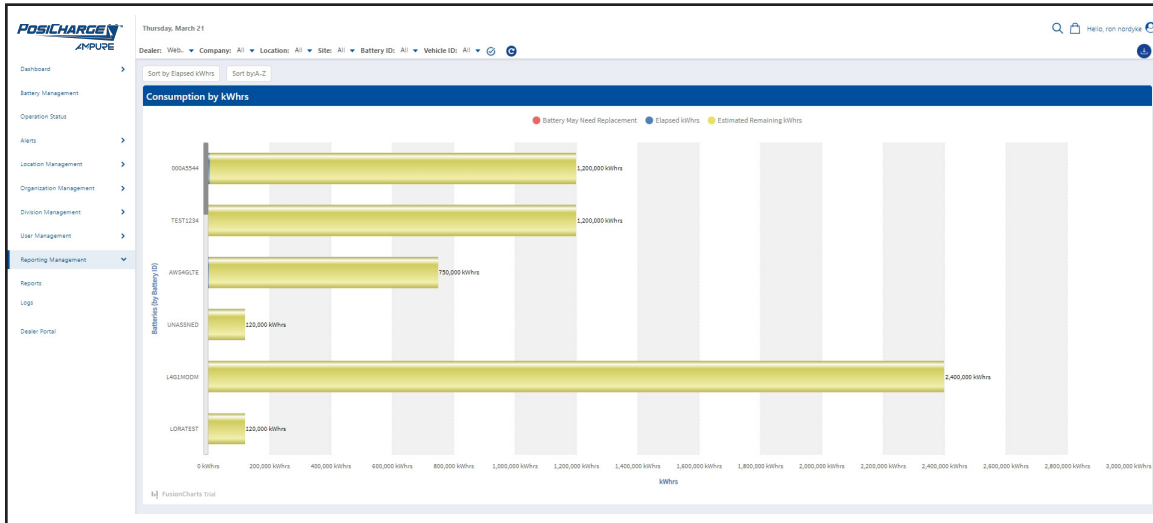
- Select the red, blue and yellow buttons to show or hide data.
- You can also select **Sort by Elapsed Ahrs** or by **Sort by A to Z** on the upper-left corner of the page.



Consumption by kWhrs

Select this to display a graph showing which batteries may need to be replaced, elapsed kilowatt hours, and the estimate remaining kilowatt hours.

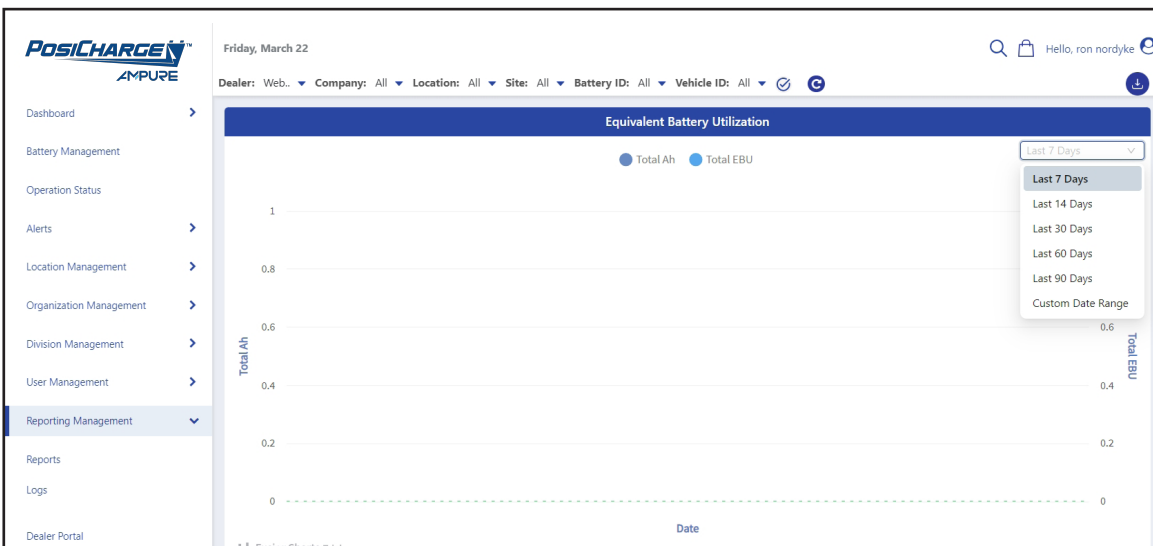
- On the upper left corner of the page, you can sort data according to elapsed kilowatt hours or alpha-numerically.
- Select the red, blue and yellow buttons to show or hide data.



Equivalent Battery Utilization

Select this to display battery equalization by date range.

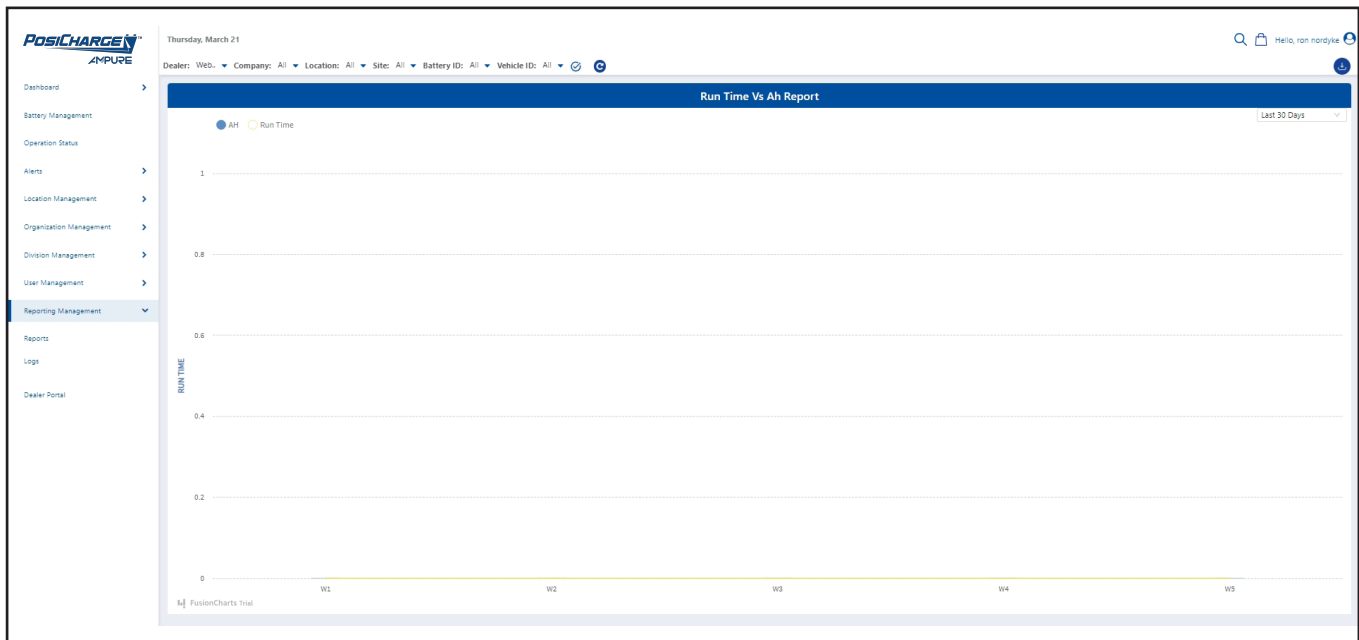
- At the top, you can sort the data by Dealer, Company, Location, Site, Battery ID or Vehicle ID.
- At the top-right corner, you can also customize the date range.



Run Time vs Ah Report

Select this to display a graph of run time vs an Ah report.

- Select the blue or yellow buttons to show or hide the AH and/or the run time.
- AT the top-right corner, you can customize the date range.

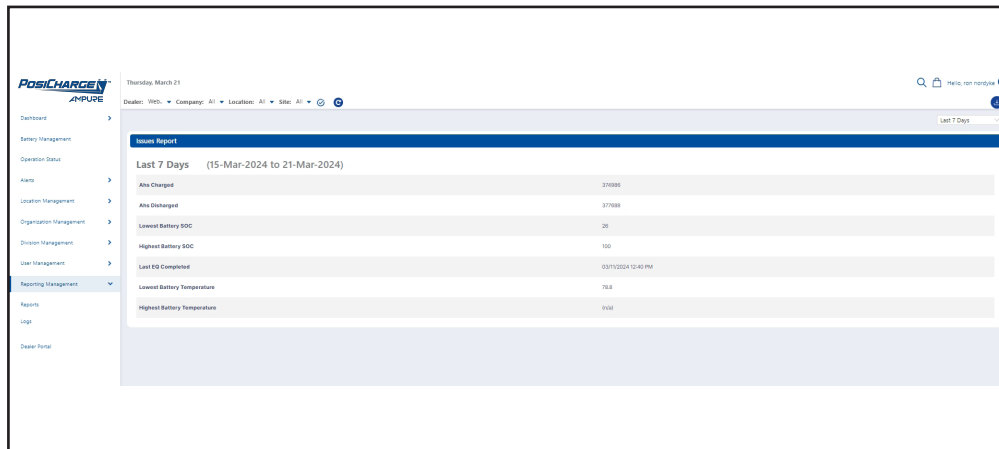


Weekly Issues Report

Select this to display:

Ahrs Charged	Highest Battery SOC	Lowest Battery Temperature
Ahrs Discharged	Last EQ Completed	Highest Battery Temperature
Lowest Battery SOC		

On the upper right-corner of the page, you can select the number of days to display in the graph, or you can select a custom date range.

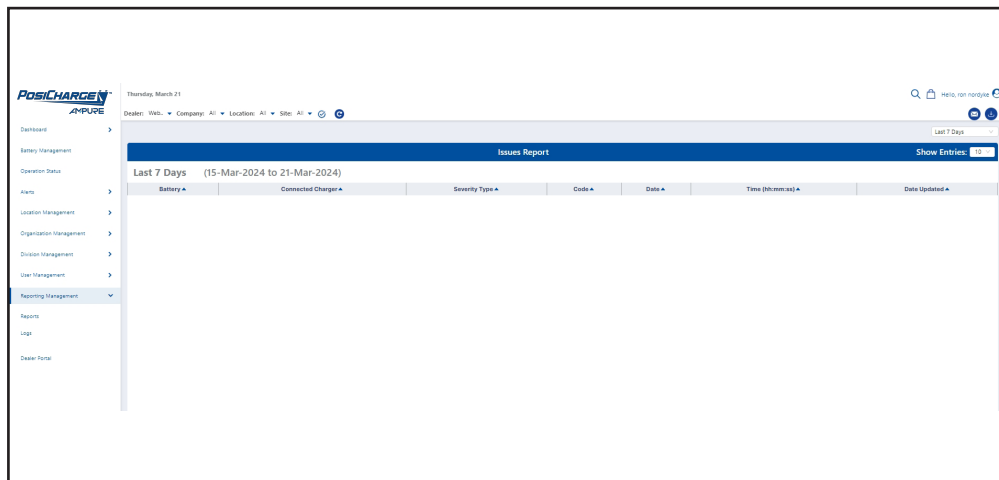


Weekly Issues Report 2

Select this to display:

Battery	Severity Type	Date
Connected Chargers	Code	Time

On the upper right-corner of the page, you can select the number of days to display in the graph, or you can select a custom date range.



Battery History Report

Select this to display:

Battery ID	Total Charge Ahrs	Organization
Vehicle ID	Average Temp	Division
Battery Rx SIM	Days High Temp Events	Location
Serial Number	Last EQ Comp Date	Site
IPC Fast Charge Plugins	# of Comp EQs	Log Time Stamp
Plug-in Hours	Total Discharge Ahrs	

Select the up or down arrows at the top of any given column to sort the list alphabetically.

On the upper-left corner of the page, you can select **Battery ID**, **Vehicle ID**, **Battery Rx SIM #**, or **Serial Number**, then type the information for your selection in the box to the right and select **Find**.

On the upper-right corner under **Column Selector**, you can display or hide columns by selecting or deselecting the check boxes.

The screenshot displays the PosiCharge AMPURE interface. On the left, a navigation menu includes Dashboard, Battery Management, Operation Status, Alerts, Location Management, Organization Management, Division Management, User Management, and Reporting Management. The main area shows a 'Battery History Report' table with the following data row:

Battery ID	Vehicle ID	Battery Rx SIM	SerialNumber	IPC Fast Charge Plugins	Plug-In Hours	Total Charge Ahrs	Average Temp	Days High Temp Events	Last EQ Comp Date	# Of Comp EQs	Total Discharge Ahrs	Organization	Division	Location	Site	Log T
000A5544	00000P47	S/N: SOC02222200563	89014104272359929143	31	2047	3708	66.2	0	03/11/2024 12:40 PM	0	125526	Webasto	Fresh Logistics IL	ALL	ALL	03/11/2024

At the top right, there is a 'Column Selector' dropdown menu and a 'Last 7 Days' filter. A 'Show Columns: 15' indicator is also present.

You can also sort the information according to a specific date range.

Lifetime Battery History Report

Select this to display:

Battery ID	Total EQ Hrs	Cumul Disch Ahrs	Remain Batt Life (based on Warranty)
Vehicle ID	Tot Comp EQ Events	Cmul Disch Kwh	Remain Batt Life (based on Ahrs)
Battery MFG Serial Number	Days Last Comp EQ	Cumul Run Time	Rated Batt Capacity
Firmware Rev	Last Comp EQ Date	Cumul Key On Time	Est Batt Capacity
Init Date	Max Rec Days Betw EQ	Cumul Key Off Time	Number of Days with Low Water
Days in Op	Max Rec Ahrs Betw EQ	Cumul Cg Time	Organization
Data as of	Low Volt Events	Cumul Idle Time	Division
Total Charge Events	High Volt Events	Days w/ High Temp Events	Location
Cumul Ahrs Charged	Min Rec Voltage	Min Rec Temp	Site
Cumul Kwh Charged	Max Rec Voltage	Max Batt Temp	
Min Batt SOC	Nom Batt Volt		
Max Batt SOC			

Select the up or down arrows at the top of any given column to sort the list alphabetically.

On the upper-left corner of the page, you can select **Battery ID**, **Vehicle ID**, or **Battery MFG Serial Number**, then type the information into the box to the right and select **Find**.

On the upper-right corner under **Column Selector**, you can display or hide columns by selecting or deselecting the check boxes.

The screenshot shows the 'Lifetime Battery History' report interface. At the top left, there are search filters for Dealer, Company, Location, Site, Battery ID, and Vehicle ID, with a 'Find' button. A red arrow points to the 'Battery ID' dropdown menu. At the top right, there is a 'Column Selector' dropdown menu with a red arrow pointing to it. The main table displays columns for Battery ID, Vehicle ID, Firmware Rev, Init Date, Days in Op, Data as of, Total Charge Events, Cumul Ahrs Charged, Cumul Kwh Charged, Min Batt SOC, Max Batt SOC, Total EQ Hrs, Tot Comp EQ Events, Days Last Comp EQ, Last Comp EQ Date, and Max Rec Days Betw. The table contains several rows of data for different batteries.

Charge Summary

Select this to display:

Battery ID	Total Run Hours	Total Chg Evts	Organization
Vehicle ID	Total Idle Hours	Avg Dly Usage	Division
Battery Rx SIM	Ave Temp	Avg Dly Chg Hours	Location
Battery Capacity	Max Temp	Avg Dly Idle Hours	Site
Charge Ahrs	Min SOC	Avg Dly Run Hours	Date Stamp
Tot Chg Hours	Avg Init SOC	EBUs	

Select the up or down arrows at the top of any given column to sort the list alphabetically.

On the upper-left corner of the page, you can select Battery ID, Vehicle ID, or Battery Rx SIM, then type the information into the box to the right and select **Find**.

On the upper-right corner under **Column Selector**, you can display or hide columns by selecting or deselecting the check boxes.

The screenshot shows the 'Charge Summary' page in the PosiCharge AMPURE system. At the top left, there are search filters for Dealer, Company, Location, Site, Battery ID, and Vehicle ID, with a 'Find' button. At the top right, there is a 'Column Selector' and a 'Last 7 Days' filter. The main table displays columns for Battery ID, Vehicle ID, Battery Capacity, Charge Ahrs, Tot Chg Hours, Total Run Hours, Total Idle Hours, Avg Temp, Max Temp, Min SOC, Avg Init SOC, Total Chg Evts, Avg Dly Usage, Avg Dly Chg Hours, Avg Dly Idle Hours, Avg Dly Run Hours, EBU, and Organization. A 'Show Entries: 10' dropdown is located on the right side of the table header.

You can also sort the information according to a specific date range.

Configuration Summary Report

Select this to display:

Battery ID	Max Ahrs Btw EQs	Key On Det	Low °C Lmt
Vehicle ID	Max Days Btw EQs	Key On Logic	Max Charge Curr Limit
Battery Rx Serial Number	EQ Start Day	Key On Curr	Max Days Since Compl EQ
Battery Rx SIM #	EQ Start Time	Parasitic Curr	Pack V Imbal Limit
Date/Time	EQ End Day	GMT Offset	EQ Curr Range
Battery Type	EQ End Time	Daly Call Time	Max Day Btw Chg
Total Cells	Internal Resistance	Low SOC Lmt	Organization
Capacity	Tarq Volt Limit	High Volt Lmt	Division
Start Curr Limit	Temp Fbk	Low Volt Lmt	Location
SOC Limit	Run Time Curr Thresh	High °C Lmt	Site

Select the up or down arrows at the top of any given column to sort the list alphabetically.

On the upper-left corner of the page, you can select **Battery ID**, **Vehicle ID**, **Battery Rx SIM**, or **Device Serial Number**, then type the information in the box to the right and select **Find**.

On the upper-right corner under **Column Selector**, you can display or hide columns by selecting or deselecting the check boxes.

You can also sort the information according to a specific date range.

Equalization Summary

Select this to display:

Battery ID	Comp EQ Events	Days Since Comp EQ	Location
Vehicle ID	Non-Posi EQ Events	Total Comp EQ Events	Site
Battery Rx SIM #	Non-Posi EQ Hours	Last Comp EQ Date	Log Time Stamp
Days in Op	Max Ahrs Betw EQs	Organization	
EQ Hours	Max Days Betw EQs		

Select the up or down arrows at the top of any given column to sort the list alphabetically.

On the upper-left corner of the page, you can select **Battery ID**, **Vehicle ID**, or **Battery Rx SIM**, then type the information into the box to the right and select **Find**.

On the upper-right corner under **Column Selector**, you can display or hide columns by selecting or deselecting the check boxes.

The screenshot shows the PosiCharge AMPURE web interface. At the top left, there is a search bar with 'Battery ID' selected and a 'Find' button. Below this is a navigation menu with options like Dashboard, Battery Management, Operation Status, Alerts, Location Management, Organization Management, Division Management, User Management, Reporting Management, Reports, Logs, and Dealer Portal. The main content area is titled 'Equalization Summary' and contains a table with columns: Battery ID, Vehicle ID, Days in Op, EQ Hours, Comp EQ Events, Non-Posi EQ Events, Non-Posi EQ Hours, Max Ahrs Betw EQs, Max Days Betw EQs, Days Since Comp EQ, Total Comp EQ Events, and Last. The table lists several rows of data for different batteries and vehicles. In the top right corner, there is a 'Column Selector' dropdown and a date range filter set to 'Last 7 Days'. Red arrows point to the search bar, the Column Selector, and the table headers.

You can also sort the information according to a specific date range.

Battery Rx Units

Select this to display:

Battery ID	Location	Telephone Number	E-Meter Session ID
Vehicle ID	Site	Last Contact Date	Date Contract Start
Battery Rx Serial Number	Protocol Ver	Last Complete Date	Date Contract End
Battery Rx SIM #	Boot Ker Ver	Enabled	Date Updated
Device Timezone	App Version	Enabled Date	
Organization	Manuf Date	Is E-Meter	
Division	In Svc Date	E-Meter Identifier	

Select the up or down arrows at the top of any given column to sort the list alphabetically.

On the upper-left corner of the page, you can select **Battery ID**, **Battery Rx Serial Number**, **Battery Rx SIM #**, **Vehicle ID**, **App Version**, or **Enabled**, then type in the information in the box to the right and select **Find**.

On the upper-right corner under **Column Selector**, you can display or hide columns by selecting or deselecting the check boxes.

The screenshot shows the PosiCharge AMPURE web interface. At the top left, there is a search box for 'Battery ID' with a 'Find' button. At the top right, there is a 'Column Selector' dropdown menu. The main area displays a table of 'Battery RX Units' with columns for Battery ID, Vehicle ID, Battery Rx Serial Number, Battery Rx SIM #, Device Timezone, Organization, Division, Location, Site, Protocol Ver, Boot Ker Ver, App Version, and a 'Man' column. The table contains several rows of data, including units from Webasto, Applications Engineering, and Fresh Logistics IL. A red arrow points from the text above to the search box, and another red arrow points from the text above to the Column Selector.

Shift Schedules

Select this to display:

Organization	Building	Shift 3 Enabled
Division	Shift 1 Enabled	Last Updated
Location	Shift 2 Enabled	Action

- Select **Add a New Shift Schedule** on the upper-left corner of the page to add a new schedule.
- Select the up or down arrows at the top of any given column to sort the list alphabetically.
- Select the pencil icon on the right to modify a shift schedule.
- Select the garbage bin icon to delete a schedule.

← Add a New Shift Schedule

Existing Shift Schedules								Show Entries: 10
Organization	Division	Location	Building	Shift 1 Enabled ▲	Shift 2 Enabled ▲	Shift 3 Enabled ▲	Last Updated ▲	Action
Webasto		ALL	ALL	Y	N	N		
Webasto		ALL	ALL	Y	N	N		
Webasto		ALL	ALL	Y	N	N		
Webasto		ALL	ALL	Y	N	N		
Webasto		ALL	ALL	Y	N	N	4/10/2012 4:34 AM	
Webasto		ALL	ALL	Y	N	N	12/11/2012 6:57 AM	
Webasto		ALL	ALL	Y	N	N	4/9/2013 4:00 AM	
Webasto		ALL	ALL	Y	N	N	5/30/2013 4:57 AM	
Webasto		ALL	ALL	Y	N	N	10/23/2013 9:22 AM	

< 1 2 3 4 >

← Add a New Shift Schedule

Schedule Assignment

Organizations: Select Organization

SHIFT SCHEDULE 1 | SHIFT SCHEDULE 2 | SHIFT SCHEDULE 3

SHIFT SCHEDULE 1 Use this Schedule

Shift Times: Start Time: 08:00 AM End Time: 05:00 PM

Break Times

Break 1: Start Time: End Time: No Break

Break 2: Start Time: End Time: No Break

Break 3: Start Time: End Time: No Break

Break 4: Start Time: End Time: No Break

Shift Change: Start Time: End Time: No Break

Cancel Add

Add a New Shift Schedule

PosiCHARGE APURE Friday, October 20

← Add a New Shift Schedule

Modify Shift Schedule

Organization: Webasto Location: ALL Building: ALL

SHIFT SCHEDULE 1 | SHIFT SCHEDULE 2 | SHIFT SCHEDULE 3

SHIFT SCHEDULE 1 Use this Schedule

Shift Times: Start Time: End Time:

Break Times

Break 1: Start Time: End Time: No Break

Break 2: Start Time: End Time: No Break

Break 3: Start Time: End Time: No Break

Break 4: Start Time: End Time: No Break

Shift Change: Start Time: End Time: No Break

Cancel OK

Modify an Existing Shift Schedule

Daily Battery Performance

Select this to display:

Battery ID	Key On Hours	Date Min Batt Volt	Non-Posi Fst Chg Hours
Vehicle ID	Key Off Hours	Min Batt Volt @Amps	Non-Posi EQ Hours
Battery Rx SIM #	Run Hours	Date Max Disch Amps	Non-Posi Ahrs
Log #	Full Chg Comp	Max Disch Amps @Volt	Date Max Imbal Volt
Date	EQ Comp	Low Water Today	Max Pack Imbal Volts
Posi Charge Ahrs	Min Batt SOC	Fault Code 1	Division
Disch Ahrs	Max Batt SOC	Fault Code 2	Location
Disch kWh	Max Batt Temp	Fault Code 3	Site
Posi Fast Chg Hours	Min Batt Temp Date	Non-Posi kWh	Date Updated
Posi Full Chg Hours	Min Batt Temp	Posi Fast Chg Evts	
Posi EQ Hours	Avg Batt Temp	Non-Posi Fst Chg Evts	
	Date Min Batt Volt	Non-Posi Fst Chg Hours	

Select the up or down arrows at the top of any given column to sort the list alphabetically.

On the upper-left corner of the page, you can select **Battery ID**, **Vehicle ID**, or **Battery Rx SIM**, then type the information into the box on the right and select **Find**.

On the upper-right corner under **Column Selector**, you can display or hide columns by selecting or deselecting the check boxes.

You can also sort the information according to a specific date range.

The screenshot shows the PosiCharge AMPURE web interface. At the top left, there are search filters for Battery ID, Vehicle ID, and Battery Rx SIM, with a 'Find' button. At the top right, there is a 'Column Selector' dropdown and a 'Last 7 Days' date range selector. The main content is a table titled 'Daily Battery Performance Report' with columns for Battery ID, Vehicle ID, Battery Rx SIM #, LOG #, Date, Posi Charge Ahrs, Disch Ahrs, Disch kWh, Posi Fast Chg Minutes, Posi Full Chg Minutes, Posi EQ Minutes, Key On Minutes, and Key Off Minutes. The table contains several rows of data. At the bottom of the table, there is a pagination control showing '1' of 2 pages.

Battery Statistics

Select this to display battery statistics by date range.

- At the top of the page, you can sort the data according to Dealer, Company, Location, Site, Battery ID, Vehicle ID or Battery Rx SIM#.
- In both the State of Charge and Usage Summary graphs, you can select buttons to show or hide data.

Battery Statistics - 000B3761/0000F376
01-November-2023 - 09-November-2023

Battery		Charge Vs Discharge Data		Equalization	
Battery Id		Total Charge Events		Total Equalization hours	
Vehicle Id		Cumulative Amp-hours Charged		Total Equalization events	
BATTERY MFG Serial Number		Cumulative Kilowatt-hours Charged		Days since last Complete Equalization	
Initialization Date		Cumulative Discharge Amp-hours		Max Rec Days between Equalization	
Days in Operation		Cumulative Discharge KWhrs		Max Rec Amp hours between Equalizations	
Date as of	09-Nov-2023	Charge vs Discharge KWhrs		Last Complete EQ Date	
		Cumulative Overcharge %			

Voltage		Operational vs Non-operational Load	
Number Low Voltage Events		Run Time to Operational Time	
Number High Voltage Events		Key-On Time to Non-Operational Time	
Min Recorded Voltage		Cumulative Charge Time	
Max Recorded Voltage		Cumulative Idle Time	
Normal Battery Voltage			

Temperature		Battery Life / Capacity		Water	
Days High Temperature Events		Remaining Battery Life (months)		Number of Days with Low Water	
Min Recorded Temperature		Battery Consumption (Ahrs)			
Max Recorded Temperature		Rated Battery Capacity			
		Estimated Battery Capacity			

State of Charge & Temperature

01-November-2023 - 09-November-2023

State Of Charge Battery Temperature

STATE OF CHARGE % | BATTERY TEMPERATURE

1% | 1.0°F

0.8% | 0.8°F

0.6% | 0.6°F

0.4% | 0.4°F

0.2% | 0.2°F

0% | 0.0°F

Date

Usage Summary

01-November-2023 - 09-November-2023

● Total Ahrs In ● Total Ahrs Out ● Over / Under Charge

Total Ahrs | Over/Under Charge

1 | 1.0

0.8 | 0.8

0.6 | 0.6

0.4 | 0.4

0.2 | 0.2

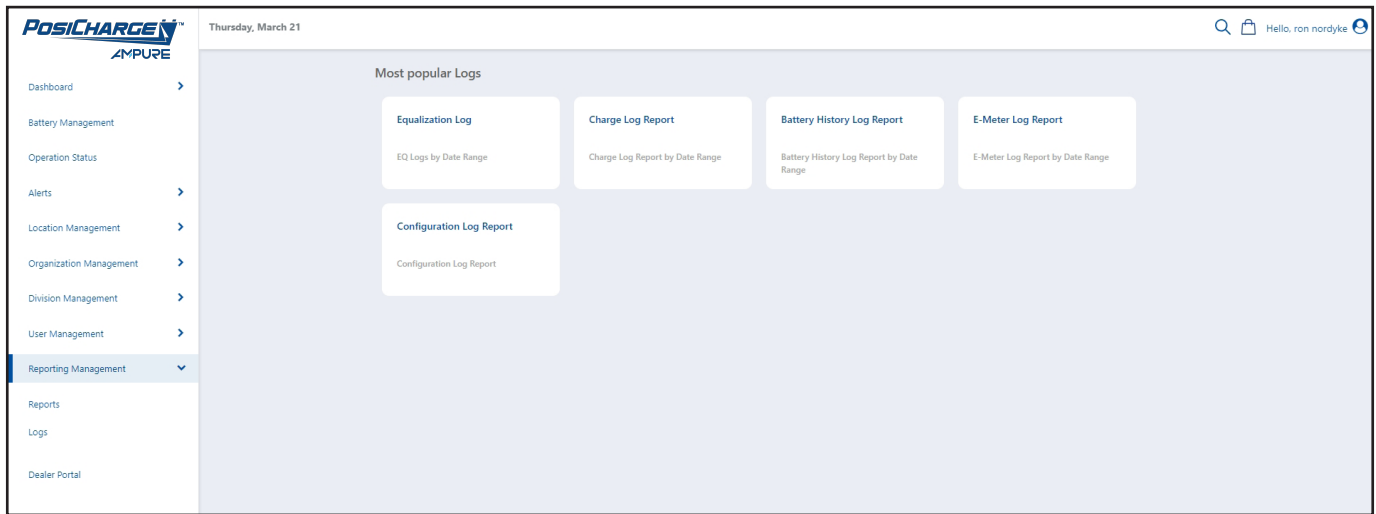
0 | 0.0

Date

Logs

Selecting **Logs** displays five options:

Equalization Log	Charge Log	Battery History Log	E-meter Log
Configuration Log			



Equalization Log

Select this to display:

Battery ID	End Date	Days Since Last Comp EQ
Vehicle ID	Charge Type	Organization
Battery Rx SIM #	Start Code	Division
Log #	Term Code	Location
Start Date	Ahrs Returned	Site

Select the up or down arrows at the top of any given column to sort the list alphabetically.

On the upper-left corner of the page, you can select **Battery ID**, **Vehicle ID**, or **Battery Rx SIM**, then type the information in the box to the right and select **Find**.

On the upper-right corner under **Column Selector**, you can display or hide columns by selecting or deselecting the check boxes.

You can also sort the information according to a specific date range.

The screenshot shows the 'EQ Log Report' interface. At the top left, there is a search filter for 'Battery ID' with a 'Find' button. At the top right, there is a 'Column Selector' and a date range dropdown set to 'Last 7 Days'. The main area contains a table with columns: Battery ID, Vehicle ID, Log #, Start Date, End Date, Charge Type, Start Code, Term Code, Ahrs Returned, Days Since Last Comp EQ, Organization, Division, Location, and Site. The table contains five rows of data.

Battery ID	Vehicle ID	Log #	Start Date	End Date	Charge Type	Start Code	Term Code	Ahrs Returned	Days Since Last Comp EQ	Organization	Division	Location	Site
000A5544	00000P47	18302	03/19/2024 02:00 PM	03/19/2024 02:23 PM	EQ	Reached EQ Date of the Week	Charge In Progress	19	9	Webasto	ALL	ALL	ALL
000A5544	00000P47	18301	03/19/2024 12:32 PM	03/19/2024 12:36 PM	EQ	Reached EQ Date of the Week	Charge In Progress	2	9	Webasto	ALL	ALL	ALL
000A5544	00000P47	18300	03/19/2024 06:39 AM	03/19/2024 07:04 AM	EQ	Reached EQ Date of the Week	Charge In Progress	20	9	Webasto	ALL	ALL	ALL
000A5544	00000P47	18299	03/19/2024 02:34 AM	03/19/2024 05:54 AM	EQ	Reached EQ Date of the Week	Charge In Progress	163	9	Webasto	ALL	ALL	ALL
000A5544	00000P47	18289	03/18/2024 09:37 AM	03/18/2024 10:19 AM	EQ	Reached EQ Date of the Week	Charge In Progress	34	9	Webasto	ALL	ALL	ALL

Charge Log

Select this to display:

Battery ID	Charger ID	Charge kWhr	End Volts	Start Volt Pack Unbal
Vehicle ID	Port	Start Temp	Max Curr	End Volt Pack Unbal
Battery Rx SIM	Start Date/Time	End Temp	End Curr	Organization
Battery Type	End Date/Time	Start SOC	Charge Type	Division
Total Number of Cells	Duration Hours	End SOC	Start Code	Location
Battery Capacity	Charge Ahrs	Start Volts	Term Code	Site
Log #				

Select the up or down arrows at the top of any given column to sort the list alphabetically.

On the upper-left corner of the page, you can select **Battery ID**, **Vehicle ID**, or **Battery Rx SIM**, then type the information into the box to the right and select **Find**.

On the upper-right corner under **Column Selector**, you can display or hide columns by selecting or deselecting the check boxes.

You can also sort the information according to a specific date range.

The screenshot displays the PosiCharge AMPURE Charge Log Report. At the top left, there is a search bar with a dropdown menu currently set to 'Battery ID' and a 'Find' button. To the right of the search bar is a 'Column Selector' dropdown and a date range selector set to 'Last 7 Days'. The main content area is a table with the following columns: Battery ID, Vehicle ID, Battery Type, Total Number of Cells, Battery Capacity, Log #, Charger ID, Port, Start Date/Time, End Date/Time, Duration Hours, Charge Ahrs, Charge Kwhr, Start Temp, and End T. The table contains several rows of data, all for the date 03/20/2024. A sidebar on the left contains navigation options like Dashboard, Battery Management, Operation Status, Alerts, Location Management, Organization Management, Division Management, User Management, Reporting Management, Reports, Logs, and Dealer Portal. At the bottom of the table, there is a pagination control showing page 1 of 4.

Battery History Log

Select this to display:

Battery ID	Non-Posi kWh	Key On Hrs	Max Rec Volt
Vehicle ID	Posi Fast Charge Hrs	Key Off Hrs	Number of High Volt Evt
Battery Rx SIM	Posi Fast Charge Evt	Min Battery Temp	Max Rec High Temp
Log #	Posi Full Charge Hrs	Avg Battery Temp	Days High Temp Events
Date/Time	Posi Full Charge Evt	Days with Low SOC	Days Low Temp Events
Initialize Date	Posi EQ Hrs	Max Recorded Daily Disch Ahrs	Last Comp EQ Date
Days in Operation	Posi EQ Events	Num Days with Low Water	Last Charge Date
Cumulative Ahrs Charged	Non-Posi Chrg Hrs	Max Rec Ahrs Btw EQs	Firmware Rev
Cumulative kWh Charged	Non-Posi Chrg Evt	Max Rec Days Btw EQs	Organization
Cumulative Disch Ahrs	Non-Posi EQ Hrs	Days Since Last Comp EQ	Division
Cumulative Disch kWh	Non-Posi EQ Events	Number Comp EQ Evt	Location
Non-Posi Ahrs	Run Hours	Min Rec Volt	Site
		Number of Low Volt Evt	

Select the up or down arrows at the top of any given column to sort the list alphabetically.

On the upper-left corner of the page, you can select **Battery ID**, **Vehicle ID**, or **Battery Rx SIM**, then type the information into the box to the right and select **Find**.

On the upper-right corner under **Column Selector**, you can display or hide columns by selecting or deselecting the check boxes.

You can also sort the information according to a specific date range.

The screenshot shows the PosiCharge AMPURE interface. At the top left, there is a search bar with a dropdown menu for 'Battery ID' and a 'Find' button. To the right, there are 'Column Selector' and 'Last 7 Days' options. The main area displays a table with columns for Battery ID, Vehicle ID, Log #, Date/Time, Initialize Date, Days in Operation, Cumulative Ahrs Charged, Cumulative kWh Charged, Cumulative Disch Ahrs, Cumulative Disch kWh, Non-Posi Ahrs, and Non-Posi kWh. The table contains several rows of data. Red arrows point from the text instructions to the search bar, the Column Selector, and the date range dropdown.

E-Meter Log

Select this to display:

Battery ID	CSQ	Discharge Whrs
Vehicle ID	Current	Battery Rx SIM #
E-Meter Session ID	Voltage	
Timestamp	Charge Ahrs	
Temperature	Discharge Ahrs	

Select the up or down arrows at the top of any given column to sort the list alphabetically.

As shown below, there are several options you can select on this page, which are described in more detail on page 48.

Search by Item

Identify an E-Meter

Disable a Capture
Create a Session
Or Clear the Logs

Show or Hide Columns

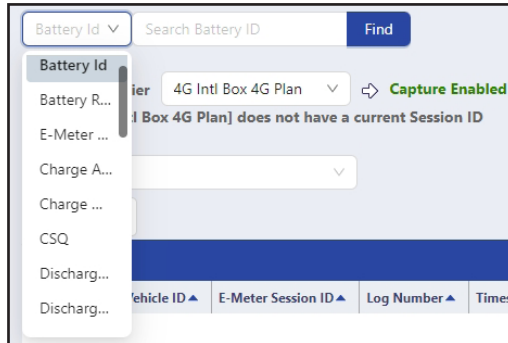
Send a Request to an E-Meter

Select a Session

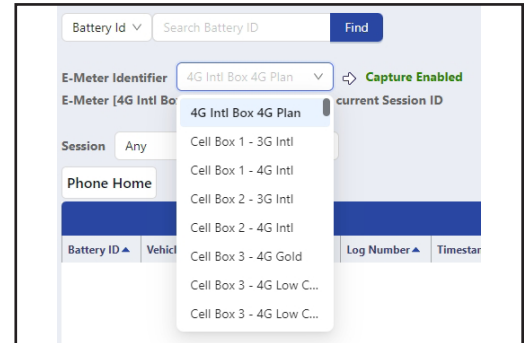
Delete a Session

On the upper-left corner you can select one of the following items, then select **Find**.

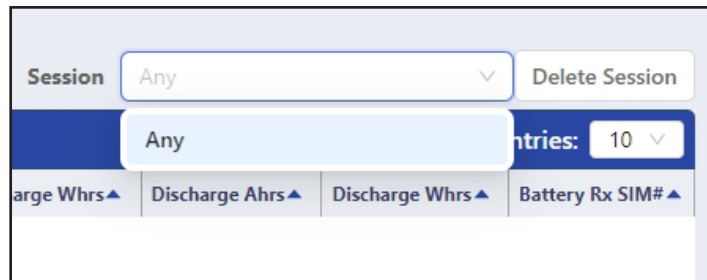
- Battery ID
- Battery Rx SIM #
- E Meter Session ID
- Charge Ahrs
- Charge Whrs
- CSQ
- Discharge Ahrs
- Discharge Whrs
- Log Number
- Temperature
- Vehicle ID
- Voltage



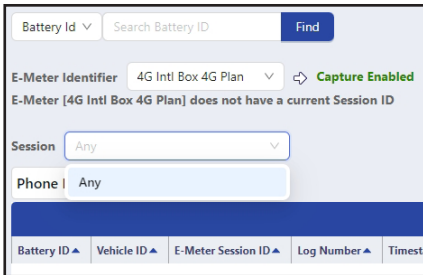
To the right of E-Meter Identifier, you can select plan.



You can also select the **Session** on the upper-right corner of the page, or you can **Delete a Session**.

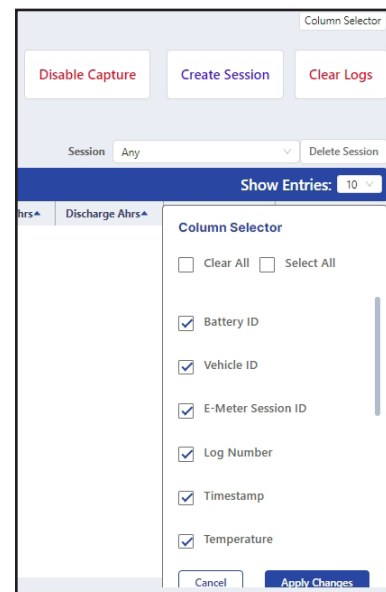
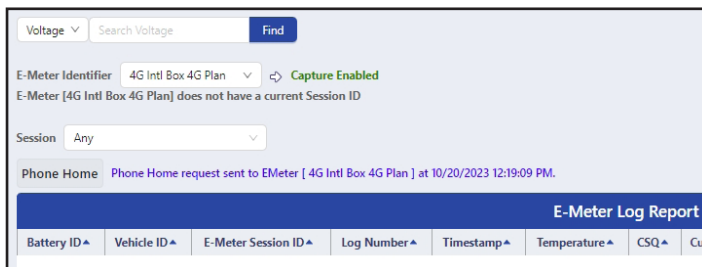


On the upper-left corner, you can select the **Session**.



Select **Column Selector** on the upper-right corner of the page to show or hide columns

Select the **Phone Home** button to send a request to an E-Meter.



Configuration Log

Select this to display:

Battery ID	Max ahrs Btw EQs	Key On Det	Max Charge Curr Limit
Vehicle ID	Max Days Btw EQs	Key On Logic	Max Days Since Compl EQ
Battery Rx Serial Number	EQ Start Day	Key On Curr	Pack V Imbal Limit
Battery Rx SIM	EQ Start Time	Parasitic Curr	EQ Curr Range
Log #	EQ End Day	GMT Offset	Max Day Btw Chg
Date/Time	EQ End Time	Daily Call Time	Organization
Battery Type	Internal Resistance	Low SOC Lmt	Division
Total Cells	Tarq Volt Limit	High Volt Lmt	Location
Capacity	Temp Fbk	Low Volt Lmt	Site
Start Curr Limit	Run Time Curr Thresh	High °C Lmt	Date Updated
SOC Limit		Low °C Lmt	

Select the up or down arrows at the top of any given column to sort the list alphabetically.

On the upper-left corner of the page, you can select **Battery ID**, **Vehicle ID**, **Battery RX SIM**, or **Device Serial Number**, then type the information into the box to the right and select **Find**.

On the upper-right corner under **Column Selector**, you can display or hide columns by selecting or deselecting the check boxes.

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