PosiNET

Back Office Data Management Software

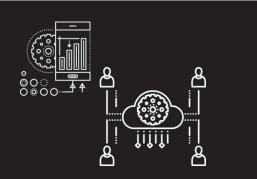
PosiCharge[™] PosiNET is a comprehensive battery management tool for fast charged operations. Built on a unique system architecture that links all fast chargers into a single network, PosiNET automatically captures and analyzes operational data, and then presents actionable fleet usage and warranty compliance reports, thereby empowering operations professionals to manage their fleet effortlessly.

Detailed daily tracking reports, weekly exception reports and lifetime statistical analysis provide easy visibility to battery health across the entire fleet, helping identify potential issues before they become larger problems and simplifying warranty compliance.









PosiCharge[™] systems, a product line of Webasto Charging Systems, Inc. 1.866.767.4242 | info@posicharge.com | @posicharge | posicharge.com © 2019 Webasto Charging Systems Inc

WITH POSINET WEB, FLEET DATA IS ACTIONABLE

- Email alerts and exception notifications provide instant information on the health and treatment of the fleet so issues can be corrected before they cause productivity losses. Alerts can be selected by the user to control information volume and flow.
- » Historical and predictive reports provide concrete information for training your operators, optimizing the distribution of vehicles throughout your facility, and planning for future orders or expansions.
- Real time views of your fleet allow you to immediately identify compliance » problems, explore causes, and provide on-the-spot guidance to your operators.

WITH POSINET WEB, FLEET DATA IS AUTOMATIC

- Charger and battery data are automatically downloaded from the charger and uploaded to the PosiNET Data Center for processing. No manual download procedures are required.
- Twenty-five pre-defined reports are available without even touching a button. Scheduled weekly, monthly or annual reports on fleet activities are sent directly to any Internet-accessible email account.
- » User- level filtering provides only the most useful reports based on user roles and responsibilities.

WITH POSINET WEB, FLEET DATA IS ACCESSIBLE

- Web-based system architecture allows access to operations information from any place in the world.
- Simple, intuitive controls allow the user to rapidly navigate to the information they need.
- » Optional third-party access to fleet data can dramatically improve service response time. Battery and charger service personnel can review data in order to identify issues, remotely diagnose, and provide fast solutions, minimizing downtime and maximizing productivity



POSINET® BACK-OFFICE DATA MANAGEMENT SOFTWARE

Full suite of battery and charger data analysis tool

- Extensive reporting capabilities
- Ability to download fleet info from the internet.
- Delivers weekly exception reports and lifetime battery historical reports
- Real time alerts for early issue detection
- Prevents long term battery damage before it is too late
- Key email alerts: Battery Low SOC | Battery Missed EQ | High Battery Temperature | Battery Low Water

Figure 1. OPERATIONS STATUS REPORT – Provides a simple summary of the battery performance and maintenance issues for the past week.

Operations Status Report Battery Rx Alerts Battery Statistics	Koont as board in Board as CBV Gold Calence Choose Sprov In Service Date and Invalid Date Pilers Criganzation; Not •													
 Lifetime Battery History 														
Reports	Weekly	Start/End:	Tuesday to 1	fonday	- Dat	e of Week:	10/27/2013	Refn	esh 🗾	Send Repor	On Tuesda	v		
Battery History* Battery History Logs* Charge Logs Charge Summary Configuration Logs* Configuration Summary Daily Battery Performance Equalization Logs	Search	Fields: 0	none)	•			Refresh	Reset Search	Criteria					
	Date Range: 10/22/2013 up to 10/28/2013													
	First Prev 1 2 2 Next Last													
		Battery ID	Vehicle ID	Batt Capacity	EQ Complete	SOC < 20%	Total Plugins	Cumul Chg Time (Hours	Total Charg Ahrs	Ahrs	Max Temp Exceeded		Days High Temp Evts	
	1	00001214	00001214	1.000	٠	•	41	20.57	4,022	4,572	•	102.2	t	0
Battery Warranty	2	00001217	00001217	1,000	•	•	38	46.43	6,934	5,595	•	122.0		2
 By Ahrs Throughput By Time (Months) 	3	00003098	00000313	750	•	•	33	14.72	1,628	1,521	•	73.4		0
	4	0GAP0239	00001208	1,000	•	•	36	25.38	5,479	5,271	•	107.6	5	0
Charts	5	0GAP0316	00001211	1,000	•	•	23	18.53	3,497	3,445	•	91.4		0
Battery SOC and Schedule Battery SOC Over Time Battery Temperature Over Time Daily Charge Report	6	0GAP0318	00001210	1,000	•	•	40	47.43	6,219	4,602	•	120.3		1
	7	0GAP0319	00001222	1.000	•	•	37	28.18	5,626	5,126	•	102.2	1	0
	8	0GAP0320	00001212	1,000	•	•	28	22.70	4,440	4.205	•	102.2	1	0
	9	0GAP0321	00001203	1.000	•	•	35	29.28	5,551	5,035	•	111.5		0
	10	0GAP0322	00001221	1,000	•	•	40	36.90	6,339	5.686	•	116.6	1	1
My Account	11	0GAP0323	00001209	1,000	•	•	41	30.32	7,041	6,894	•	109.4		0
Account Profile Battery Rx Units BMID Test Page* Firmware Update Control Panel*	12	0GAP0324	00001201	1.000	•	•	37	30.15	5,741	5.668	•	104.0		0
	13	0GAP0325	00001204	1,000	٠	•	38	24.68	5,705	5,322	•	102.5		0
	14	0GAP0326	00001223	1.000	•	•	44	34.92	6,224	5.191	•	111.2		0
	15	0GAP0327	00001207	1,000	•	•	43	28.15	6,466	6,201	•	111.5		0
 E-Meter Log Report* 	16	0GAP0336	00001206	1.000			3	8.50	1,404	716	•	84.2	1	0

Figure 2. BATTERY SOC CHART – Provides ability to review battery SOC in detail for any time period in the history of the battery.

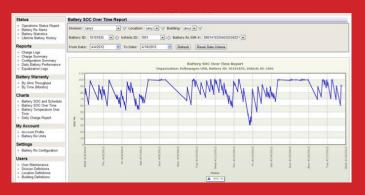
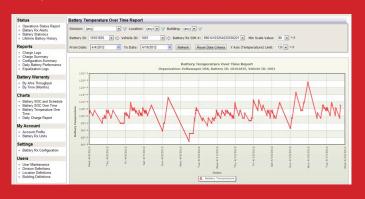


Figure 3. BATTERY TEMPERATURE CHART – Provides ability to review battery temperature in detail for any time period in the history of the battery.



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Figure 5. LIFETIME BATTERY STATISTICS – Complete history of the battery, can be used to confirm warranty compliance.

Operations Status Report Battery Rx Alerts Battery Statistics	Export to FDE											
o Lifetime Battery History	Organization: Mondelez • 👽 Division: Brampton • 👽 Location: Hopewell • 👽											
Reports Battery History* Battery History Lops* Charge Lops Charge Lops Charge Summary Configuration Logs* Configuration Summary Daily Battery Performance	Battery ID: 00GR0069 • Y Vehicle ID: 00000507 • Y											
	Search Fields: (none	2)	•		Refresh Rese	t Search Criteria						
	Battery			Charge			Equalization					
	Battery ID	0GGR0069		Total Charge	Events	5,357	Total Equalization hours	744				
• Equalization Logs	Vehicle ID	00000507			mp-hours Charge	d 552,969 Ahrs	Total Complete Equalization events	81				
Battery Warranty	BATTERY MFG Serial (not enter Number		red)	Cumulative K Charged	llowatt-hours	31,976 KWhrs	Days since last Complete Equalization	1				
 By Ahrs Throughput By Time (Months) 	Firmware Revision	00.00.09.		Total SOC ev	ents below 20%	621	Max Rec Days between Equalizations	6 days				
Charts	Initialization Date	2/4/2013	2:26 PM				Max Rec Amp-hours between Equalizations	7,306 Ahrs				
Battery SOC and Schedule Battery SOC Over Time Battery Temperature Over Time Daily Charge Report	Days in Operation	632					Last Complete EO Date	4/5/2015 5:30 AM				
	Data as Of	4/6/2015	11:59 PM									
	Voltage			Discharge			Run Time / Key Time					
My Account	Number Low Voltage I	Events	373	Cumulative D	Sischarge Amp-ho	ars 520,211 Ahrs	Cumulative Run Time	5,448 hr				
Account Profile Battery Rx Units Battery Rx Test Page* Battery RX Test Page* Firmware Update Control Panel* E-Meter Log Report* Errmware History Report* SMS Events Report*	Number High Voltage Events		0	Cumulative D	Cumulative Discharge KWhrs		Cumulative Key-On Time	6,275 hr				
	Min Recorded Voltage		44.9 V				Cumulative Key-Off Time	8,856 hr				
	Max Recorded Voltage		63.9 V				Cumulative Charge Time	3,803 hr				
	Nominal Battery Voltage		48 V				Cumulative Idle Time	5,917 hr				
	Temperature			Battery Life	/ Capacity		Water					
Settings	Days High Temperatu	re Events	5	Remaining Ba (based on wa		22 month(s)	Number of Days with Low Wat	er 422				

Figure 6. BATTERY WARRANTY – Ah Throughput comparison of Battery Fleet.

