XPO Logistics Restores 12V Batteries with SC-12 Recovery Charger

Challenge: XPO Logistics is a global logistics company committed to protect the environment with greener and more efficient supply chains. They wanted to reduce their impact on the environment and decrease their battery costs at the same time.

One way to achieve these goals is to make their batteries last longer and work more efficiently. This leads to fewer battery purchases, more reliable batteries and less batteries in their hazardous waste pile.

SC-12, 12-Station
Recovery Charger

Test: During periodic maintenance they tested batteries and discovered their voltage and CCAs were low. Charging with a competitor's charger didn't bring the batteries back up to an acceptable level so they put them on PulseTech's SC-12 Recovery Charger for 24-48 hours.

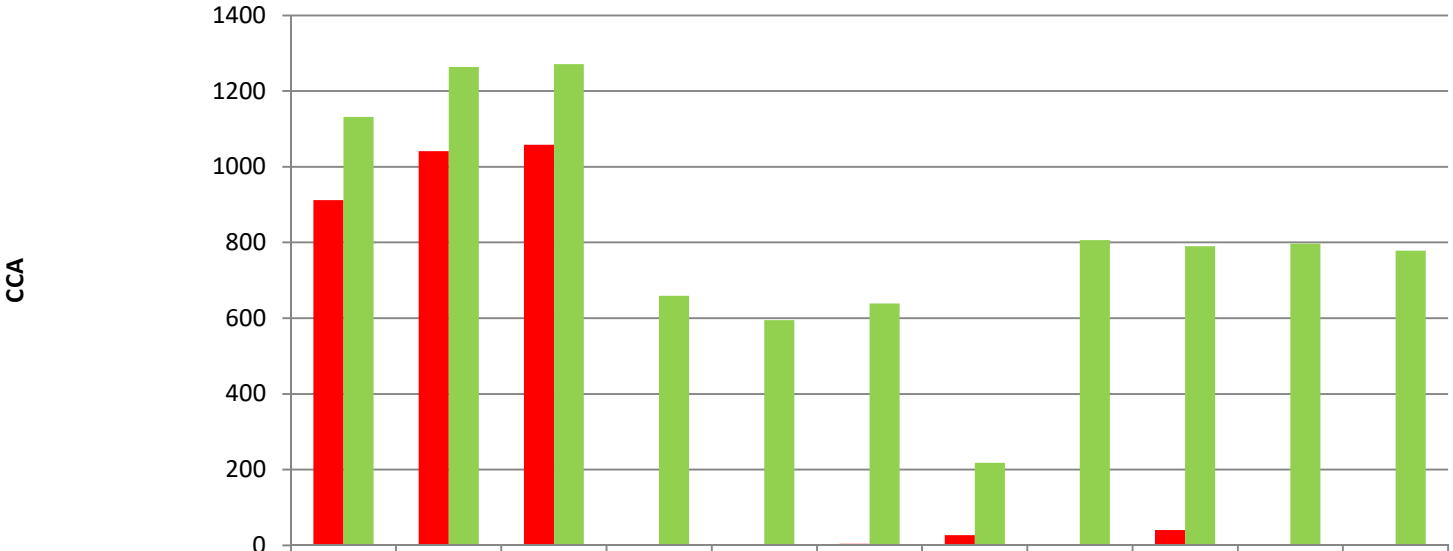
Results:

Battery #	Start Voltage at Start	After 24-48 Use of SC-12 Voltage After 24-48 Hours	Start CCA at Start	After 24-48 Hour Use of SC-12 CCA After 24-48 Hours	
1	12.27	13.09	912	1132	
2	12.28	13.12	1041	1264	
3	12.27	13.14	1058	1271	
4	10.76	13.14	0	659	
5	6.43	13.01	0	595	
6	10.6	12.93	4	639	
7	10.31	12.63	27	218	Bad Cell
8	4.9	13.27	0	806	
9	5.56	13.28	40	790	
10	5.51	13.28	0	797	
11	5.72	13.35	0	778	

Conclusion: The voltage and CCAs for all of the batteries improved with the use of the SC-12. However, 1 battery was unable to be recovered due to a bad cell and had to be replaced.

Returning voltage and CCAs to optimum level on 10 batteries meant an immediate savings in new battery purchases and prevented 5 batteries from heading to the hazardous waste pile today with at least 3 of the others right behind them.

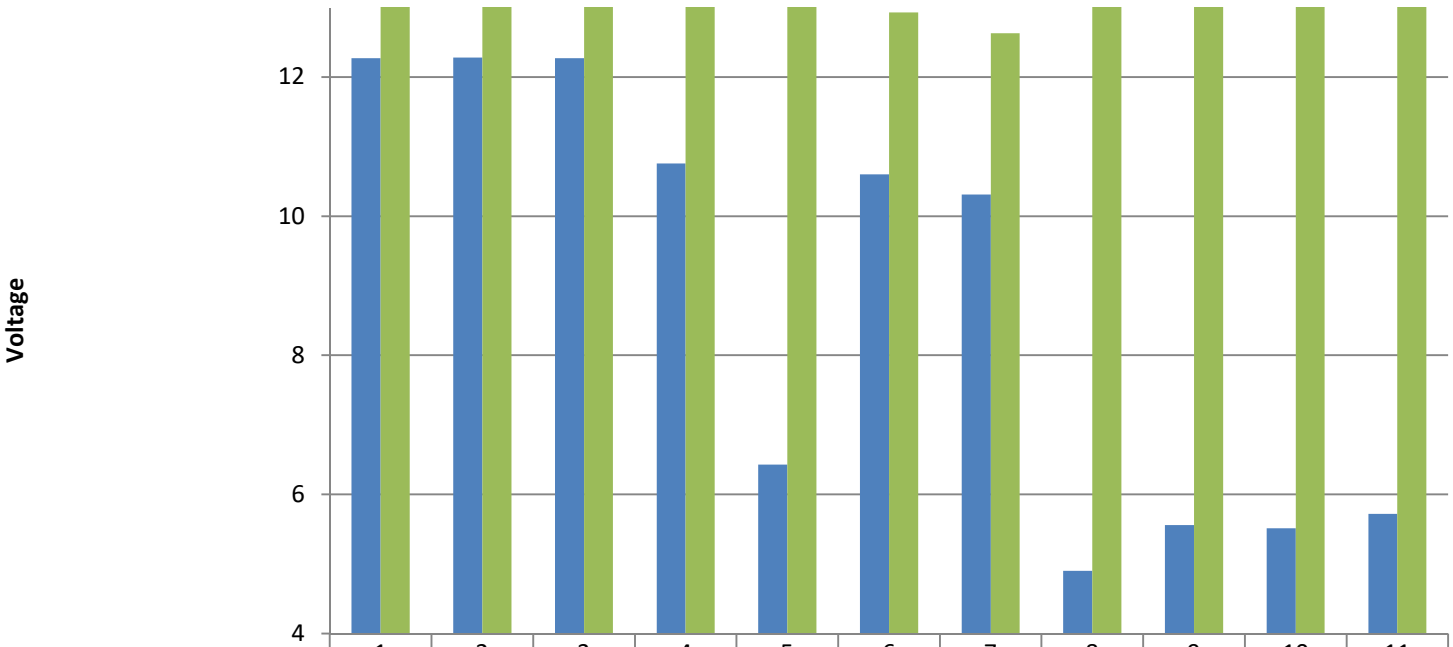
CCA Improvement After 24-48 Hours Use of SC-12 Battery Recovery Charger



	1	2	3	4	5	6	7	8	9	10	11
CCA at Start	912	1041	1058	0	0	4	27	0	40	0	0
CCA After 24-48 Hours	1132	1264	1271	659	595	639	218	806	790	797	778

Battery #

Voltage Improvement After 24-48 Hours Use of SC-12 Battery Recovery Charger



	1	2	3	4	5	6	7	8	9	10	11
Voltage at Start	12.27	12.28	12.27	10.76	6.43	10.6	10.31	4.9	5.56	5.51	5.72
Voltage After 24-48 Hours	13.09	13.12	13.14	13.14	13.01	12.93	12.63	13.27	13.28	13.28	13.35

Battery Number

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