



MHC Kenworth Restores Odyssey Batteries with SC-12 Recovery Charger



Challenge: Lease department trucks sitting on the lot waiting for customer pickup experienced battery drain and dead batteries.

Test: The Odyssey Group 31 batteries were tested with PulseTech’s 390PT Battery Analyzer to measure initial battery voltage and CCAs. The batteries were then hooked up to PulseTech’s SC-12, twelve station recovery charger for 72 hours. After 72 hours, the batteries were taken off the SC-12 Recovery Charger and tested again with the 390PT battery analyzer to measure battery voltage and CCAs.

Equipment:

- **390PT** – Digital Battery Analyzer used to record battery voltage and CCAs.
- **SC-12** – Twelve station recovery charger used to charge batteries and remove sulfates from the battery plates with patented Pulse Technology.

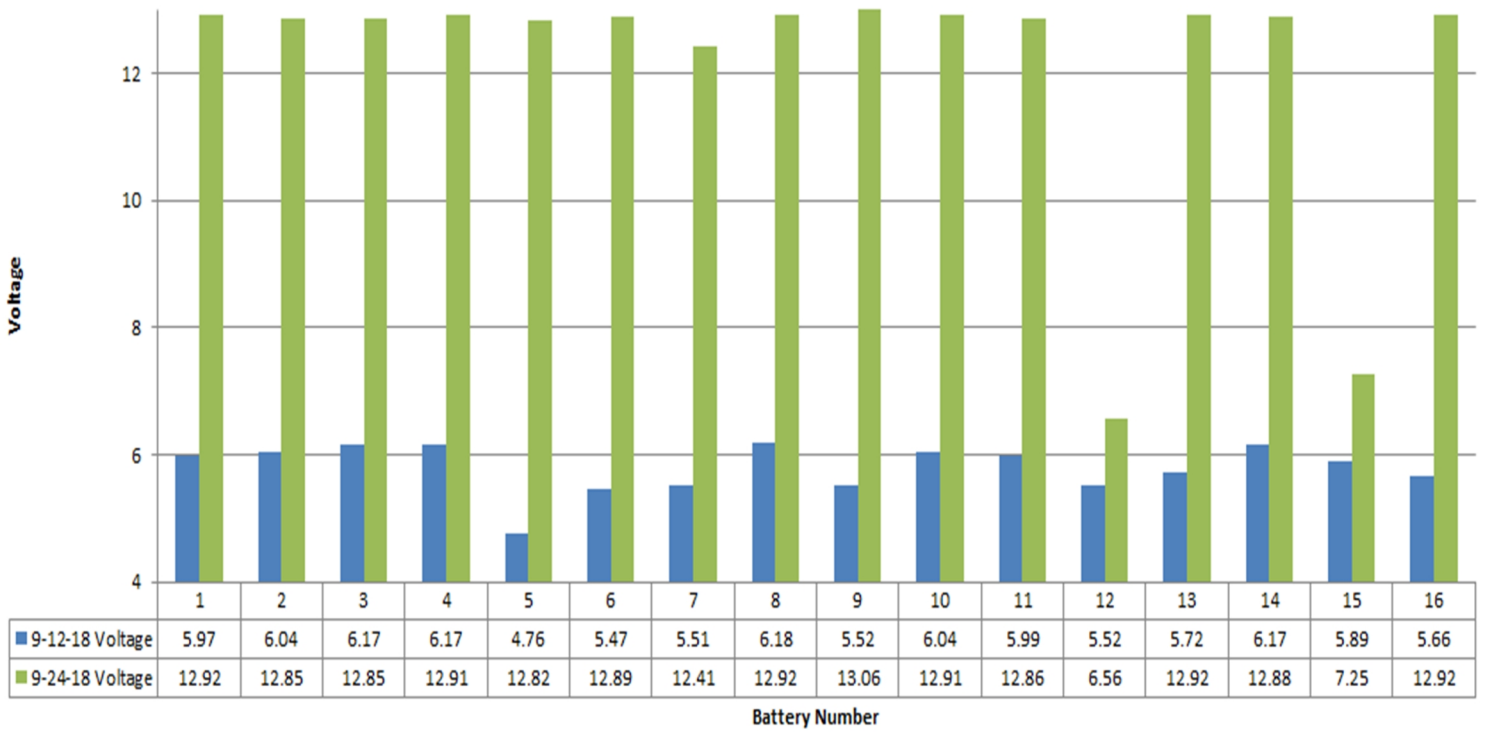
Results:

Battery #	Start 9-12-18 Voltage	After Use of SC-12 9-24-18 Voltage	Start 9-12-18 CCA	After Use of SC-12 9-24-18 CCA	
1	5.97	12.92	23	1319	
2	6.04	12.85	20	1199	
3	6.17	12.85	15	1284	
4	6.17	12.91	17	1419	
5	4.76	12.82	19	1250	
6	5.47	12.89	11	1203	
7	5.51	12.41	6	1205	
8	6.18	12.92	23	1232	
9	5.52	13.06	14	1279	
10	6.04	12.91	21	1288	
11	5.99	12.86	17	1283	
12	5.52	6.56	6	114	Bad Cell
13	5.72	12.92	3	1233	
14	6.17	12.88	14	1202	
15	5.89	7.25	17	160	Bad Cell
16	5.66	12.92	1	1233	

Conclusion: 87% of the Odyssey batteries were recovered with the SC-12. The only two batteries unable to be recovered had bad cells. Saving 14 Odyssey Group 31 batteries meant an immediate \$3,800 savings in new battery purchases more than covering the cost of the equipment.



Voltage Improvement After Use of SC-12 Battery Recovery Charger



CCA Improvement After Use of SC-12 Battery Recovery Charger

