

BATTERY LOAD TEST

PO Box 1175, Lyons, CO 80540

Owner		Sample Owner					
Cart		Club Car DS, 1986, SN: A8633-106177				X Series	Regenerative
Batteries		Pacer 105 min @ 75 amps (6x6V=36V), branded with V5C8AE (same as Trojan T605)					
Charger		Lestronic II, 36V 25A, Model 7850, Type 36LC25-8ET, (diagonal spade connector)					
Test Date		10/16/2010	Load Disconnect at (V)		31.50		
Result (Ah)		142.0	Manuf. Rating (Ah@25A)		160		
% of Rated Capacity		89%	Driving Load (amps)		40.5		(at max speed on level ground)
Pedal-Down Time (mins.)		168	(2.8 hrs)	Load at test start (amps)		28.7	
(to 80% Depth of Discharge)							
Battery #		Q Full Charge*	Loaded (Begin)	Q After Test	Loaded (After)	Q After charge*	Notes
(NEG -)		1	6.54	6.16	6.06	5.39	6.51
		2	6.50	6.14	6.05	5.52	6.53
		3	6.54	6.16	6.06	5.05	6.52
		4	6.53	6.16	6.07	5.47	6.50
		5	6.52	6.15	6.07	5.47	6.50
(POS +)		6	6.49	6.12	6.03	5.50	6.45
		ALL	38.9	36.5	36.2	32.4	38.8
		* Normal ranges: 6V = 6.3 - 6.4V; 8V = 8.4 - 8.6V; 36V = 37.8 - 38.7V; 48V = 50.4 - 51.6V					
<p>NOTES: Charger buzzes quite audibly, but checks out and functions normally.</p>							
<p>IMPORTANT: BATTERIES ARE EXPENSIVE! Run a complete AC charging cycle at least once a month to keep the batteries equalized. Failure to do so will shorten the life of the batteries. DO NOT charge or operate if the water level does not cover the fins. Fill with DISTILLED WATER ONLY to 1/8" BELOW the inside of the fill well. Sulfuric acid is highly CORROSIVE to skin, eyes, clothing - even concrete! Use rubber gloves and eye protection at all times. If exposed, wash thoroughly with soap and water as soon as possible.</p>							