



BATTERY TEST SHEET

CHARGE %	SPECIFIC GRAVITY (25°C / 77°F)	OPEN CELL VOLTAGE	INSPECTION CHECKLIST:		DATE:	MM / DD / YYYY
100%	1.255 - 1.275	2.10	TERMINAL CONNECTIONS (CLEAN, TORQUE)		CLEAN AND INSPECT ALL BATTERIES FOR DAMAGE OR LEAKS. CHECK AND TOP ELECTROLYTE LEVELS. CLEAN AND INSPECT TERMINALS FOR CORROSION & RE-TORQUE. TEST SPECIFIC GRAVITY OF ALL CELLS IN BATTERY BANK. NOTE CELL TEMPERATURE & VOLTAGE OPEN CELL VOLTAGE READINGS SHOULD BE TAKEN AT FULL CHARGE (COOL - 2 HOURS REST) WITH NEGATIVE LEAD REMOVED.	
75%	1.215 - 1.235	2.08				
50%	1.180 - 1.200	2.04	ELECTROLYTE (FLOODED MODELS) INSPECT, TOP UP AS NEEDED			
25%	1.155 - 1.165	2.01	BATTERY CONDITION TEMP SENSOR			
0%	1.110 - 1.130	1.98				

AMBIENT TEMPERATURE: (°C or °F)				LOAD TEST				AMBIENT TEMPERATURE: (°C or °F)				LOAD TEST			
CELL #	SPECIFIC GRAVITY	CELL TEMPERATURE (°C or °F)	OPEN CELL VOLTAGE	EST. CURRENT DRAW (AMPS) AC or DC	LOADED VOLTAGE	CELL #	SPECIFIC GRAVITY	CELL TEMPERATURE (°C or °F)	OPEN CELL VOLTAGE	EST. CURRENT DRAW (AMPS) AC or DC	LOADED VOLTAGE				

⊕ ----- ⊖ READINGS TAKEN FROM POS (+) TO NEG (-) END OF BATTERY STRING ⊕ ----- ⊖

1						25					
2						26					
3						27					
4						28					
5						29					
6						30					
7						31					
8						32					
9						33					
10						34					
11						35					
12						36					
13						37					
14						38					
15						39					
16						40					
17						41					
18						42					
19						43					
20						44					
21						45					
22						46					
23						47					
24						48					

ANY IRREGULAR OCCURANCES: (LIGHTNING, DRY CELLS, OVERHEATING, FULL DISCHARGE, COMPONENT/CONTROLLER FAILURE):

Notes: