

SYSTEM APPLICATION:

- Grid Tied
- Off Grid
- Hybrid
- Backup

Warranty Form

Date:

Customer Name			
Customer Address			
Phone Number		Email	
Distributor/Dealer		Date of Purchase	
Company Address			
Phone Number		Email	

Battery Model			Installation Date	
Number of Batteries in Series		Number of Strings in Parallel	System Voltage	
Battery Date Code(s)			System Capacity (AH @20HR)	
			Low Voltage Disconnect (LVD)	
			Any additions/adjustments since battery install date	

CHARGE SOURCE(S):	Volts (V)	Watts (W)	Qty
RENEWABLE			
PV Panels			
Wind			
Other			
AC			
Generator			
Grid			
Other			

INVERTER/CHARGER INFORMATION:				
CHARGER(S)				
Make				
Model				
Output	Volts DC		Amps DC	
INVERTER(S)				
Make				
Model				
Input	Volts DC		Amps DC	

	CHARGE CONTROLLER SETTINGS			INVERTER/CHARGER SETTINGS	
	Volts (V)	Amps (A)	Time (HH:MM)	Volts (V)	Time (HH:MM)
Bulk					
Absorption					
Float					
Equalization					

TOTAL AVERAGE DAILY POWER CONSUMPTION:

KWH(AC)		KWH(DC)	
Number of Days Between Full Charge Cycle			

Details to your system information and user profile is mandatory to properly troubleshoot and ensure appropriate system set up. For assistance in completing non-battery related sections, please contact your system install/service technician and/or equipment manufacturer.

Battery Test

Date: _____

AMBIENT TEMPERATURE (°C or °F): _____

*Readings taken from Pos(+) to Neg(-) end of battery string

Cell #	Specific Gravity	Temperature (°C or °F)	Open Circuit Voltage	Current Draw (Amps)	Loaded Voltage	Cell #	Specific Gravity	Temperature (°C or °F)	Open Circuit Voltage	Current Draw (Amps)	Loaded Voltage
				Load Test						Load Test	
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					

STATE OF CHARGE AS A MEASURE OF SPECIFIC GRAVITY AND OPEN CIRCUIT VOLTAGE:

Charge %	Specific Gravity	Cell Voltage
100%	1.255-1.260	2.10
75%	1.220-1.225	2.08
50%	1.200-1.205	2.05
25%	1.175-1.180	2.02
0%	1.145-1.150	1.98

Open Circuit Voltage readings should be taken at least 3 hours after full charge.
Negative lead removed. All specific gravity readings must be temperature corrected.

INSPECTION CHECKLIST:

Terminal Connections (Clean, Torque)	<input type="checkbox"/>
Cable Connections (Clean, Corrosion-free)	<input type="checkbox"/>
Electrolyte (Between Min/Max Markers)	<input type="checkbox"/>
Battery Container (Good Condition, No Leaks)	<input type="checkbox"/>
Vent Cap/Float Vents (Good Condition, No Damage)	<input type="checkbox"/>

Additional Notes/Observations: