



# Outdoor Power System Test Report

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**Country:** Bangladesh

**Operator:** AccessTel

**Project:** WiMAX Deployment

Site ID:		Site Name:	
Date::		Report Rev:	
Site Type:		DAP Config:	

**DEPLOYMENT ENGINEER**

**CONTRACTORS NAME:**

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**ENGINEERS NAME:**

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**ENGINEERS SIGNATURE:**

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Document No.	Doc Rev.	Page
BD-ACT-SF-ODUPSREP	A	1 of 3

## Outdoors DC Power cabinet Acceptance Test

The following test value can be obtained from background computer.

<u>Test Items</u>	<u>Value</u>	<u>Observation</u>	
		<u>OK</u>	<u>Fail</u>
<b>System Voltage</b> Note the system output DC voltage.	<input type="text"/>	<input type="text"/>	<input type="text"/>
<b>Load Reading</b> Note the Load reading.	<input type="text"/>	<input type="text"/>	<input type="text"/>
<b>Equipment and Battery Temperature Reading</b> Note the two compartments temperature value.			
Equipment compartment temperature Value	<input type="text"/>	<input type="text"/>	<input type="text"/>
Battery compartment temperature Value	<input type="text"/>	<input type="text"/>	<input type="text"/>
<b>Battery capacity Setting</b> Note the battery capacity value.	<input type="text"/>	<input type="text"/>	<input type="text"/>
<b>FC and EC Voltage Setting</b> Note the float voltage value.			
-53.5V for Float charging Voltage	<input type="text"/>	<input type="text"/>	<input type="text"/>
-56.5V for Equalizing charging Voltage	<input type="text"/>	<input type="text"/>	<input type="text"/>
<b>Load Disconnect Setting</b> Note the load disconnect value.			
The load disconnect value should be:			
-47.5V for Normal Load(Load-LVD, Disable )	<input type="text"/>	<input type="text"/>	<input type="text"/>
-46.5V for Priority Load(Battery-LVD)	<input type="text"/>	<input type="text"/>	<input type="text"/>
<b>Under Voltage Alarm Setting</b> Note the Under voltage Alarm value.			
The Under Voltage Alarm Value should be			
-48.5V for Under Voltage Alarm	<input type="text"/>	<input type="text"/>	<input type="text"/>
<b>Alarms Testing</b> (Simulate one condition to activate Generic, Major Alarm, or no alarm, The following test should be subject to the previous alarm level setting.)			
<b>1) Exchange of rectifier/unit Lost</b> Take one rectifier unit physically out Major alarm will be generated & Red LED in SCU will glow. Put the rectifier back		<input type="text"/>	<input type="text"/>
<b>2) Mains Failure</b> Turn OFF the Mains MCB for rectifiers in Cabinet. Major alarm will be generated & Red LED in SCU will glow. Turn on the MCB		<input type="text"/>	<input type="text"/>
<b>3) Distribution Circuit Breaker Tripped</b> Turn OFF one distribution circuit Breaker while load connected. Major alarm will be generated & Red LED in SCU will glow.		<input type="text"/>	<input type="text"/>



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Turn ON the distribution circuit Breaker.

#### 4) Battery circuit-breaker tripped

Turn OFF one battery circuit Breaker.

Major alarm will be generated & Red LED in SCU will glow.

Turn ON the battery circuit Breaker.

#### Internal and external fan start Testing

Running value of the internal and external fan is as follows.

##### 1) The internal fan starts when the internal temperature

is higher than  $5^{\circ}\text{C} \pm 5^{\circ}\text{C}$ .

##### 2) The external fan starts when the internal temperature

is higher than  $35^{\circ}\text{C} \pm 5^{\circ}\text{C}$ . The external fan stops running

when the internal temperature is less than  $25^{\circ}\text{C}$ .

#### Heater Testing

Remarks: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

\_\_\_\_\_  
Tester Name/Signature

\_\_\_\_\_  
Witnessed by ( Name/Signature)

Document No.	Doc Rev.	Page
BD-ACT-SF-ODUPSREP	A	1 of 3