



Samil Power
Expert for PV Grid-tied Inverters™

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Technical Bulletin

Date of issue: 29th June 2015

To: Grid Connect Installers, PV Service Personal, Electrical Maintenance Staff, Energy Inspectors and Engineering staff.

Subject: This Bulletin has been drafted in order to notify industry partners of the introduction of AS5033 amendment 2, which comes into effect from the 11th of July 2015. Please note all current model SamilPower inverters which are sold in Australia market will comply with this directive. Compliance will realize through SamilPower interter connects internet.

Authority: This requirement has been mandated by SamilPower.

The implementation of AS5033 amendment 2, calls up the following operational requirements.

- An Earth Fault Alarm system shall be installed.
- The system/plant shall in the event of an earth fault alarm, initiate action in order to correct the fault by means of an alarm.





- The alarm may be either audible, visual or an alternative source of communication(mail,text ect.)
- The alarm shall operate at a minimum hourly until the fault is rectified.
- If using an audible or visual alarm, it shall be installed or be accessible where the system owner will be made aware of the alarm signal.

Samil Power solution for AS5033 amendment 2, 11th of July 2015

- a) The installation must be in accordance with the prescribed product user manuals and guidelines. A Wifi or hard wired Ethernet connection must be made and established as per Samilportal topology Fig1.
- b) The Earth Fault Alarm must be enabled as per Samilportal installation example in Fig2.
- c) Make sure that account of Samilportal is an available email which is used for receiving alarm report. The acquiescent time interval is 1 hour.



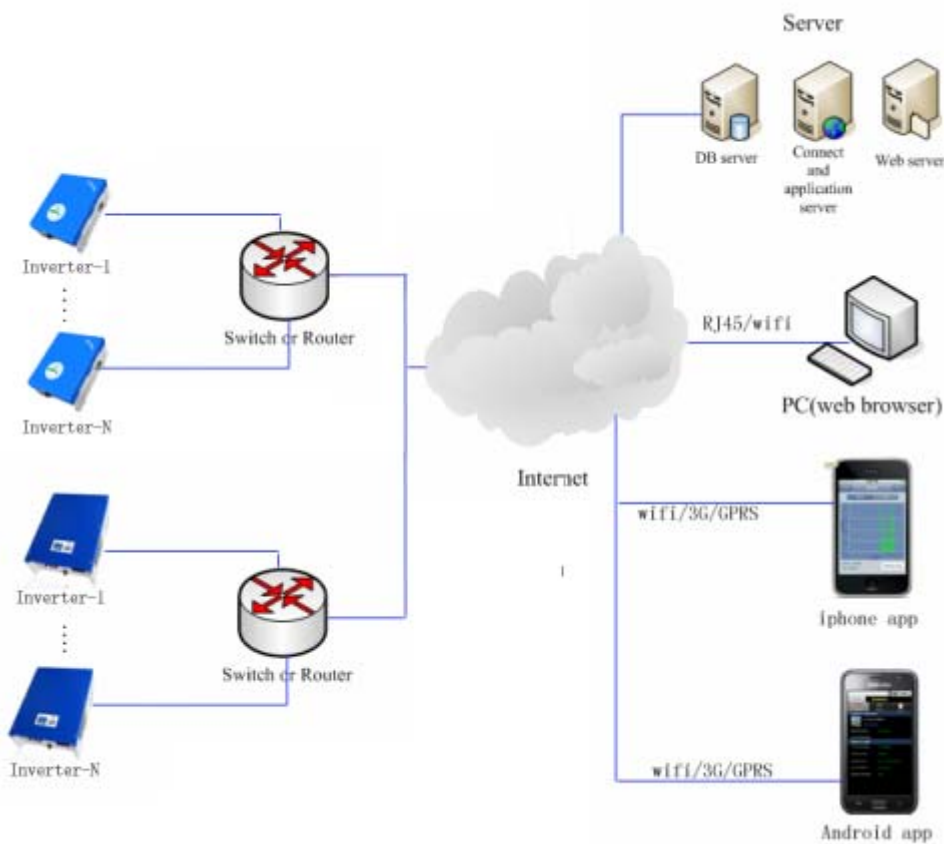


Fig1: Typical SAMILportal topology and operational characteristics





Detail Address :	
System Power :	500000.0 (W)
Commissioning :	2014-12-11
Plant Type :	Roof
Tracking Type :	Dual Axis
Plant Timezone :	Beijing,chongqing,Hong Kong,Urumqi
Price :	\$ 1.00000
Report Mail :	<input type="checkbox"/> Daily Report Email <input type="checkbox"/> Weekly Report Email <input type="checkbox"/> Monthly Report Email
Report alarm :	<input checked="" type="checkbox"/> Send alarm information
Publicly Available plants :	<input type="radio"/> Public <input checked="" type="radio"/> Private
Maintenance Staff 1 :	
Telephone 1 :	
Maintenance Staff 2 :	
Telephone 2 :	
Subordinate Integrator :	Samil Power

Fig2: Selection of Earth Fault Alarm monitoring within Samilportal

Should you require additional assistance in this matter please do not hesitate to contact us as below contacts.

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