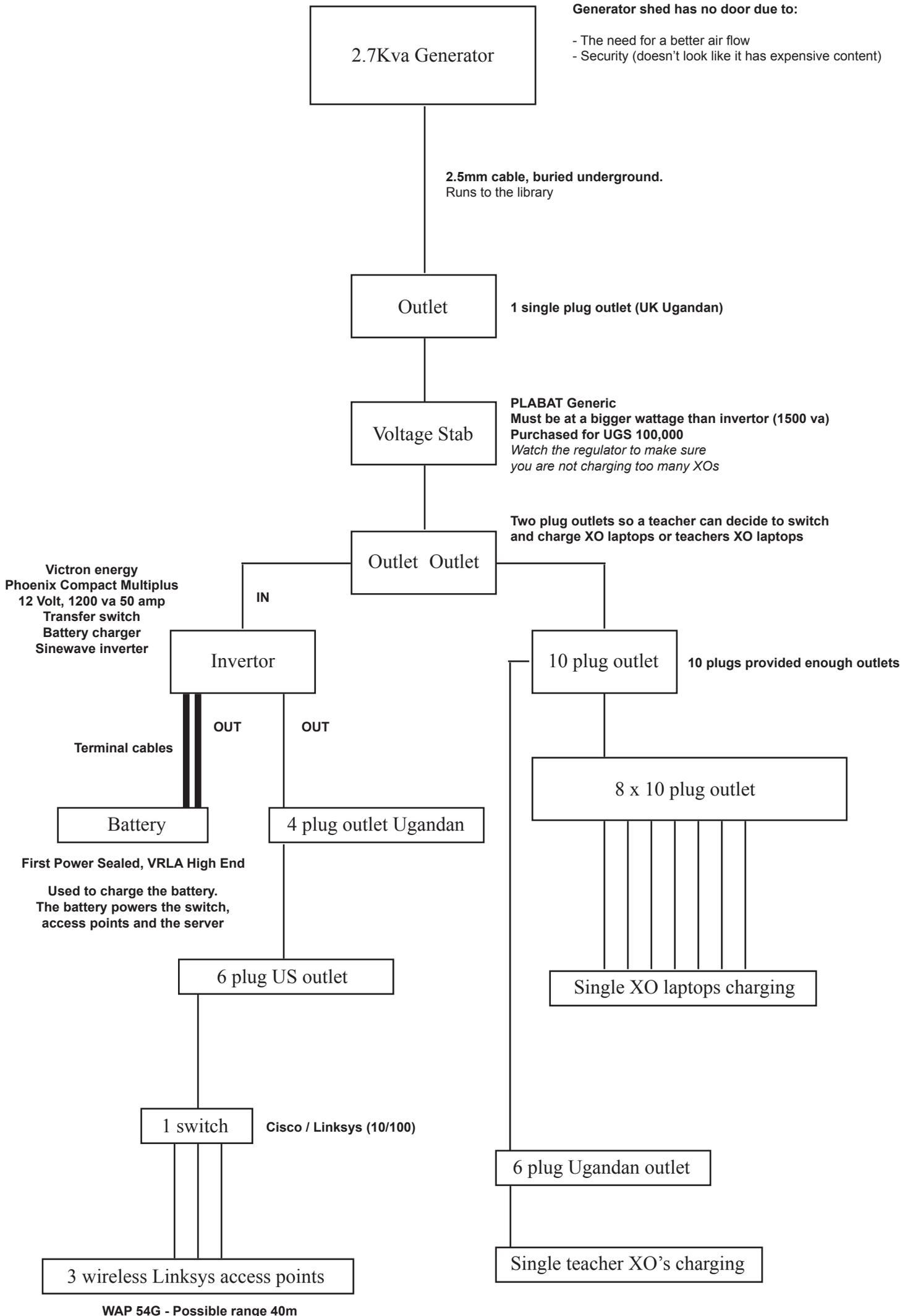


Generator shed has no door due to:

- The need for a better air flow
- Security (doesn't look like it has expensive content)



2.7Kva Generator

2.5mm cable, buried underground.
Runs to the library

Outlet

1 single plug outlet (UK Ugandan)

Voltage Stab

PLABAT Generic
Must be at a bigger wattage than inverter (1500 va)
Purchased for UGS 100,000
Watch the regulator to make sure
you are not charging too many XO's

Outlet Outlet

Two plug outlets so a teacher can decide to switch
and charge XO laptops or teachers XO laptops

Inverter

Victron energy
Phoenix Compact Multiplus
12 Volt, 1200 va 50 amp
Transfer switch
Battery charger
Sinewave inverter

Terminal cables

Battery

First Power Sealed, VRLA High End

Used to charge the battery.
The battery powers the switch,
access points and the server

OUT

OUT

IN

4 plug outlet Ugandan

6 plug US outlet

1 switch

Cisco / Linksys (10/100)

3 wireless Linksys access points

WAP 54G - Possible range 40m

10 plug outlet

10 plugs provided enough outlets

8 x 10 plug outlet

Single XO laptops charging

6 plug Ugandan outlet

Single teacher XO's charging