Undoubtedly the effect of electrification on the quality of health care is great as it expands prevention, diagnostics and treatment options. But, one in four health facilities in Sub Saharan Africa lacks access to electricity, which limits even basic treatments. That number becomes even bigger when only counting rural health facilities. Power-Blox has developed the ideal solution for the electrification of rural health facilities. The Swiss Made all in one AC-system is plug and power, extendable and almost maintenance free and thus enabling a resilient and reliable energy supply while extending treatment options.

### QUALITY HEALTH CARE STARTS WITH ENERGY

<table>
<thead>
<tr>
<th>Application</th>
<th>PBX-200 needed</th>
<th>Impact</th>
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</thead>
<tbody>
<tr>
<td>Lighting</td>
<td></td>
<td>Emergency lighting for live saving interventions, increase staff morale</td>
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<tr>
<td>Produce disinfected water</td>
<td></td>
<td>Infection prevention and control improved</td>
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<tr>
<td>Mobile phones and laptops</td>
<td></td>
<td>Deployment of telemedicine, improved patient record and stock management</td>
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<tr>
<td>Basic laboratory and sterilisation devices</td>
<td></td>
<td>Strengthen local health service offering, improved Hygiene</td>
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<tr>
<td>Vaccination fridges</td>
<td></td>
<td>Improve cold chain</td>
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<tr>
<td>Power neonatal support devices (incubators)</td>
<td></td>
<td>Improve neonatal intensive care</td>
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</tbody>
</table>
POWER-BLOX AND WATA™ - A POWERFUL TEAM FOR HYGIENE

PBX-200 and WATA™ Standard

Just Plug & Power and the power team of WATA™ and PBX-200 will be ready to produce up to 20 liters of antiviral sodium hypochlorite a day. Using the simple principle of electrolysis all ingredients you need are sodium chloride (salt), clear water, electricity and a water container. In Mozambique 42 Health centers were electrified with Power-Blox in 2020. See the video.

BENEFITS AT A GLANCE

Fast implementation
The all in one Box system approach allows fast implementation without engineering knowledge.

One size fits all
The PBX system fits all power needs from one to 50 units. All Plug and Power and with the same technology.

Maintenance Efficiency
When a device is defective it is replaced, thus operation is ensured while servicing and repair costs are significantly reduced.

Swiss Made Robustness
The PBX is robust and all sensitive components are protected by a hard shell.

Logistics
The PBX-200 weighs 27 kg and is designed to be easily carried around.

Scalability
If electricity demand rises, the system can be extended by simply connecting a new PBX.

CONTACT

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