

# KUBE Technology™ Limited

Solar Solutions

## CHARGE STATION

*General summary of the Solar Powered CHARGE STATION designed to provide;*

- *Light to Villages, Hospitals, Schools etc*
- *Charging of KUBE Light Sticks*
- *Charging of Phones, Radios, Laptops, etc*



*There are few greater impacts on humanity than the addition of Light.*

**GOAL:**

***To provide the most reliable Solar power supply and lighting systems to the people of Papua New Guinea.***

**SOLUTION:**

**1) KUBE Technology CHARGE STATIONS**



**2) KUBE Technology "Light Stick"**





## **The CHARGE STATION:**

KUBE Technology, via its patent pending Solar Technology, has designed the CHARGE STATION as a solution to provide the most reliable power supply to remote villages around the world.

The CHARGE STATION is designed to work in the lowest light conditions where all other solar products are unable to provide reliable performance.

One CHARGE STATION will provide power supply for up to 75 KUBE Light Sticks providing light for up to 75 huts. Requiring only one charge per week.

Additionally it provides power for the charging of Phones, radios, Tablets etc.

***CHARGE STATIONS- will provide remote villages the life changing impact of light and power for communication via the Light Sticks, phones, and radios.***





KUBE Light Stick under charge on the CHARGE STATION. Eight Lights can be charged at once or up to 30 a day.



CHARGE STATION implemented in Alotau, Papua New Guinea. Villagers charging phones and lights.



KUBE Technology technicians in USA factory with CHARGE STATIONS under construction.



## **KUBE Technology “Light Stick”:**

KUBE Technology “Light Sticks” are the world’s toughest, most reliable solar light systems designed to provide light to the people and villages around the world.

Light Sticks also provide secondary charging to phones and radios direct from Light Stick.

Light Stick offers up to 72 hours on low light setting or an average of 46 hours light on mixed settings. Equivalent to 8 nights of use before recharging.

Light Sticks are water proof, shock proof, dust proof and truly designed for use in remote/off grid environments, offering a ten year (plus) life span.



**Light Stick in use and charging phones**



**Light Sticks providing light in a hut in Tari Pori**





## Waterproof LightStick™

The SunJack LightStick™ is a rugged, high efficiency portable lighting solution complete with internal powerbank.

- 3 brightness levels + emergency flashing
- IP68 Waterproof to 6 feet depth
- Up to 46 hours of lighting on one charge
- 350 lumens on brightest setting

Ideal for outdoor recreation and emergency kits.



0.47lbs 10.25"x 1.25"x 1.25"



Full charge in 4-5 hours provides up to 46 hours of light



5200mAh internal battery charges up to 3 smartphones



IP68 Waterproof to 6 feet depth



Power up from the SunJack or any USB power source



5V/2A output fast charges phones, tablets, cameras and any USB device



**WATER PROOF**



**DIRT PROOF**



**SNOW PROOF**



**SHOCK PROOF**

A serious lighting/power solution to PNGs Rugged Environment

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## POWER STORAGE:

Lithionics™ lithium batteries are the world leader in design and function. We install two 12 volt 20Amp Hour battery in each CHARGE STATION.

Lithionics™ battery features include:

- 4 times longer power provided than lead acid
- 3 to 4 times longer life span (estimated 10 + years)
- 3.5 time faster recharging capabilities than lead acid
- Lithionics™ have the only patent on individual cell variation charging and over charging control features
- Only environmentally rated battery in the world for disposal
- Only battery rated and approved for air freight
- Even power discharge for 90% of battery capacity



## **Cost Effective Solution:**

The CHARGE STATION combined with the KUBE Light Sticks provide the most efficient and reliable power/lighting system in the world for remote locations

Offering a minimum expected life span of ten years.

Cost Example:

One Village-Comprising 75 huts (375-450 people)

Providing-lights, radio, and phone power supply.

Product- One CHARGE STATION and 75 Light Sticks

**COST- (USD\$6,850).**

**Cost effective:** The impact of light for entire villages/communities costs USD\$685.00 Per Year over ten years.

### **Benefits:**

- **Reduced health issues due to inhalation of fire smoke used for cooking/light in huts**
  - **Increased education for children with light for studies/reading and Tablets**
  - **Increased quality of life**
  - **Decreased sexual predation/abuse**
  - **Increased communication with Tablets and phone charging**
  - **Reduces the poverty gap with the addition of light and power**
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**Projects:** KUBE Technology CHARGE Stations have been implemented throughout Papua New Guinea and recently in two villages in Ghana (Africa).



**Picture:** in 2016 20 CHARGE Stations were implemented in Tari Pori in the Highlands of Papua New Guinea. 20 Villages with an estimated population of over 5,500 people now have light and charging power for phones , radios etc. **A LIFE CHANGING IMPACT!**



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**THANK YOU-** for your consideration of KUBE Technology  
CHARGE STATIONS and Light Sticks as a means to provide  
lighting and power to people without.