



Ambalian Company Ltd.

Suite MS-1, Mezzanine Floor, South Gate Centre

Mkoma Road, South-B,

PO Box 22932 – 00100 Nairobi.

Tel +254 - 20 – 266 2166.

Cell +254 – 722 – 806 752.

KRA PIN. P051328875T.

KRA VAT no. 0328138N

Email akmurunga@ambalian.co.ke

URL www.ambalian.co.ke

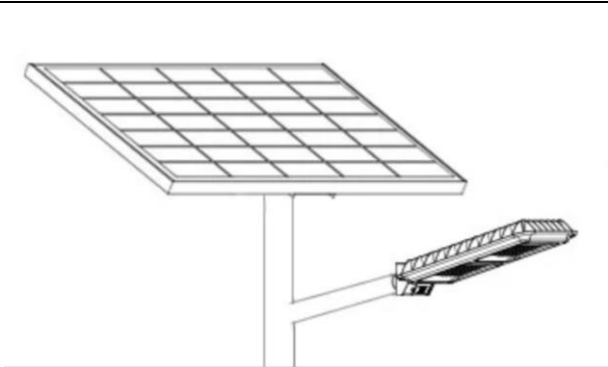

Date: December, 2018

Solar Street Lights – Lithium Battery

We offer well designed solar street lights with the 3 main items; Solar PV Module, Battery and charge controller at the top of the pole to minimize risks of vandalism. The main features of our lamps are as follows

1. We offer 2 Lithium chemistries, both light and placed in the same housing with the LED lamp, which can be placed high up on the pole thus ensuring additional security.
2. The solar panel is separate from the lamp and thus during mounting each can be oriented differently to optimize the outcome.
3. A controller is included in the lamp housing to control both charging and lighting.
4. They are off-grid and thus no need for extensive wiring.

A. Lithium Chemistry; LiFePO4 (Lithium Iron Phosphate)

			
<ul style="list-style-type: none">○ LED Lamps; Color temperature of lamp 6000K○ Battery: 3.2V LiFePO4, life time: 8-12 years○ Warranty, 2 years			
<u>Model OLB 15W</u> Lamp 15 watts Battery 3.2V/20 AH Solar panel 5V/40W Pole height 3-4 M	<u>Model BCTOLB 30W</u> Lamp 30 watts Battery 3.2V/50 AH Solar panel 5V/60W Pole height 4-5 M	<u>Model BCTOLB2.0-50W+</u> Lamp 50 watts Battery 3.2V/120 AH Solar panel 5V/90W Pole height 6-8 M	<u>Model BCTOLB2.0-80W</u> Lamp 80 watts Battery 3.2V/180 AH Solar panel 5V/150W Pole height 8-10 M

B. **Lithium Chemistry; Lithium Polymer**



- LED brand CREE 3030; Lamp voltage 30V
- Color temperature of lamp 6000K
- Product size 542*239*85 mm
- Battery type lithium battery 11.1 Volts; Lifespan 5-8 years
- Warranty, 2 years
- Choose either Grey or black colour

<u>Model LVA3-020</u>	<u>Model LVA3-030</u>	<u>Model LVA3-040</u>	<u>Model LVA3-050</u>
Lamp 20 watts	Lamp 30 watts	Lamp 40 watts	Lamp 50 watts
Battery 11.1V/20 AH	Battery 11.1V/30 AH	Battery 11.1V/40 AH	Battery 11.1V/50 AH
Pole height 3-4 M	Pole height 4-5 M	Pole height 5-6 M	Pole height 6-8 M

Pricing: We offer great pricing dependent on

- Order quantity
- Style and height of pole
- Distance from Nairobi.

This product is great for housing estates and other areas where streets and other access areas need to be lit. Do not hesitate to contact us for your projects.

Yours Sincerely
AK Murunga
Director of Operations