



**Off-Grid Solar Powered LED Lighting System**

<b>New Generation LED Armature</b>	Model	20 – A30PV	36 – A40PV	48 – A60PV
	Power	20W	40W	60W
	Operating Voltage	12V DC	12V DC	24V DC
	Type of protection	IP66	IP66	IP66
	Luminous flow	>3512 lumen	>4611 lumen	>6767 lumen
	Lighting angle	130° H - 60° V	130° H - 60° V	130° H - 60° V
	Lifetime	>60000 Hours	>60000 Hours	>60000 Hours
<b>FV Solar Panels</b>	Maximum power	1 x 80Wp	1 x 150Wp	2 x 100Wp
	Lifetime	25 years	25 Years	25 Years
<b>Solar Charge Control</b>	MPPT	75 / 15 MPPT	75 / 15 MPPT	75 / 15 MPPT
<b>battery</b>	Capacity	1 x 12V/65Ah	1 x 12V/100Ah	2 x 12V/65Ah
<b>Battery Cabinet</b>	1 unit	included	included	included
<b>Pole</b>	height (m)	4	6	8
	Material type	Metal	Metal	Metal
<b>Fuse cable</b>	1 Set	14 m + 2 units 10A	18 m + 2 units 10A	22 m + 2 units 12A
<b>Anchors</b>	1 Unit	included	included	included
<b>Photovoltaic (PV) installation</b>	1 Unit	included	included	included
<b>Price</b>		1.000,00 \$	1.250,00 \$	1.500,00 \$

\* The calculations were based on an average duration of sunshine of 5 hours / day.

\*\* The daily life of the armatures is 8 hours on average.

\*\*\* Prices do not include VAT, expedition and installation.

