



Africa GreenTec #ImpactProduct

StreetUP[®] – solar street lights for safe communities

Many communities in sub-Saharan Africa experience a lack of electricity and therefore no illuminated streets during the nights. This results in a poor security situation. The Africa GreenTec StreetUP changes this and brings light to the streets. No external power supply is needed. The clever design combines a bifacial PV panel, a powerful lithium-ion battery and a LED with super high lumen efficiency. With two optional mounting systems, the StreetUP is easy to install and ready to light up your streets.

100 % autonomous | 100 % renewable



Powered by the sun

The integrated solar panel enables 100 % autonomous electricity supply



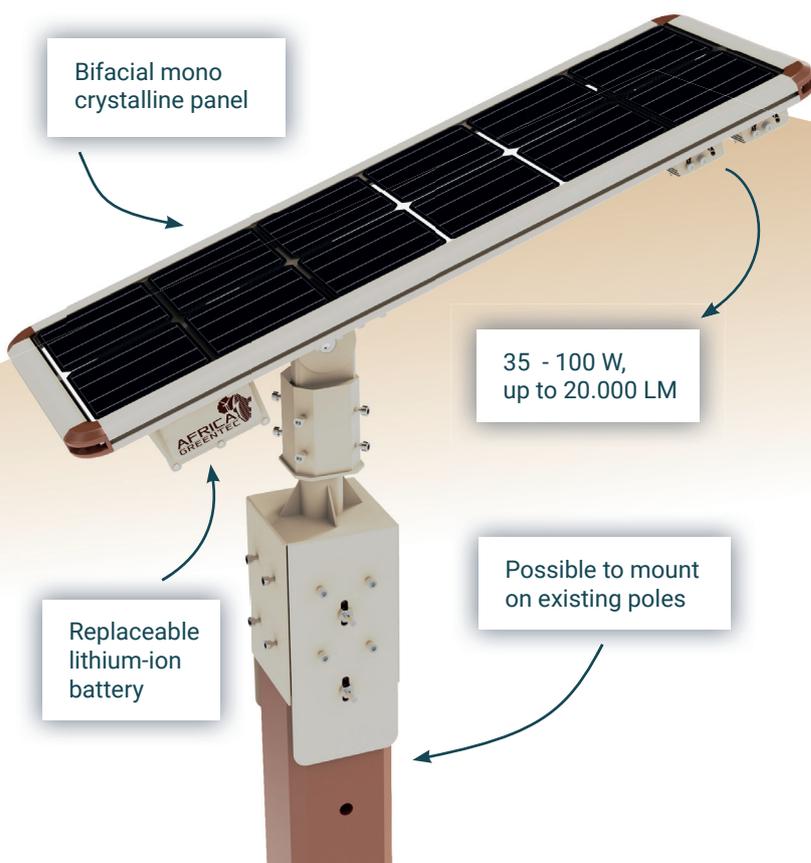
Low-operating & maintenance costs

no extra costs for electricity supply; high quality components



Super high lumen efficiency

200 Lumen/Watt



Bifacial mono crystalline panel



35 - 100 W,
up to 20.000 LM



Replaceable lithium-ion battery



Possible to mount on existing poles



Designed to last

Sustainability is in the DNA of Africa GreenTec. Therefore, we made sure that the wearing parts of the StreetUP are replaceable.

The integrated lithium-ion batteries are the perfect solution to light up the streets of your community for the entire night. With the heating protective system, we separated the batteries from the PV panel so high temperatures do not transmit to the batteries. If for any reason the lithium-ion battery does not supply enough power anymore, it can easily be replaced. To replace broken, bad-quality streetlights, you can upcycle your existing poles with the new StreetUP and save costs.

StreetUP Specifications

Electrical	StreetUP 7000	StreetUP 20000
LED	35 W 7.000 LM CCT 6000 k	100 W 20.000 LM CCT 6000 k
PV panel	Bifacial Mono Crystalline 18 V 45 W	Bifacial Mono Crystalline 30 V 160 W
Battery	Lithium-ion 11 V / 40 Ah	Lithium-ion 12 V / 100 Ah
Hardware		
Size	106 cm x 38 cm	106 cm x 80 cm
Weight	17,15 kg (+ 5,3 kg mount)	36 kg (+ 5,3 kg mount)
Colour	beige	beige
Protection class	IP 65	IP 65
Mounting system	2 types of mounts available (round and rectangular)	2 types of mounts available (round and rectangular)
Operations		
Angle	PV panel and LED angle are separately adjustable	PV panel and LED angle are separately adjustable
Working mode	1st hour 100 % brightness 2nd hour 80 % 3-4th hour 60 % 5th - dawn 25 % brightness	1st hour 100 % brightness 2nd hour 80 % 3-4th hour 60 % 5th - dawn 25 % brightness
Optimal pole height	6 m	10 m

The StreetUP empowers business activities in your community to grow



Street lighting enables businesses to offer longer opening hours and customers can enjoy going out after work.

WE DO.

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