



PayGo energy access for rural, off-grid homes



Azuri Duo features:

- 5W high quality and durable PV panel
- High brightness lamps, featuring quality LED lighting technology, to light the off-grid rural home
- High powered USB port, charging cable and adaptors for most popular mobile phones
- Simple set up process with all components provided – easy install, top-up and go

5W 6V	LiFePO ₄ 3.3 Ah 3.2V
2 x 60 lm	up to 18h*
up to 9h*	up to 6h**

*Standard performance measurements are based on assumed charging conditions of 5 Sun-hours. Duo has been optimised to deliver similar performance at low levels of sunlight, but weather and seasonal variations may affect performance.

**A typical phone charge can use the equivalent of 5 to 6 hours running time for a single light.



Components

5W 6V polycrystalline solar panel	5m cable, 2.1mm DC power jack connector
Duo solar charge controller	Electronic controller including battery
2 × 60 lumen LED lights	3m cable, 2.5mm DC power jack connector 3m switch cable, 2.5mm DC power jack connectors 2m extension cable, 2.5mm DC power jack connectors
Installation accessory kit	20 cable clips for lights
USB phone charging cable and adaptors	Adaptors for mainstream phones
Instruction/warranty sheet	English/French

Lighting

Light output	120 lumens total with 2 light points on
Lifetime (L70)	15,000 hours
Light distribution	Wide
Colour temperature	4000°K (warm)
Colour Rendering Index (CRI)	80

Charging & Storage

Charge type	5W External Solar PV Module
Storage type	3.2V 3.3Ah Rechargeable Lithium Iron Phosphate (LiFePO ₄) battery
Battery protection	Active over charge and over discharge protection

Control Unit

System indicator lights	Indicators for Charging, Credit, Battery and Alert Indicators combine to indicate top-up success/failure
Top-up panel	0-9 keypad and 'T' top-up button
Outputs	2 × LED light outputs, 1 × USB output
Inputs	1 × PV module input
Input/Output Protection	Overvoltage, reverse voltage and short circuit protection

Warranty: The product is warranted for a period of 12 months against manufacturing defects from the time of unit activation by the first user*. Do not tamper with the system or attempt to remove the battery, as this will void the warranty.

* Please refer to the Customer Agreement for more information.