

10W Quad Solar Home System (G2)

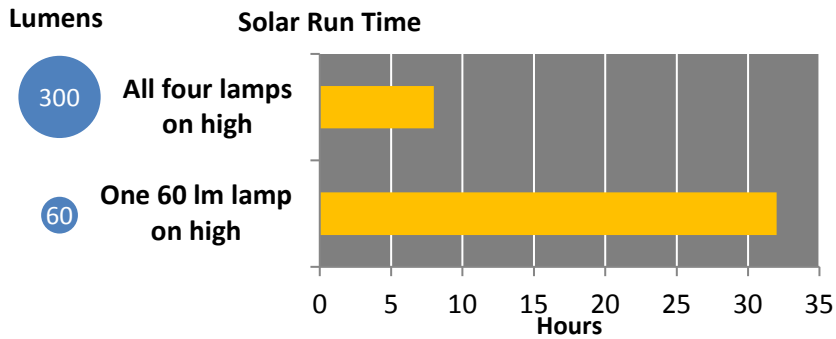
Azuri Technologies Ltd.

Verify Online:

Results based on test procedures detailed in IEC 62257-9-5, ed. 2.0

www.lightingglobal.org/products/az-quad

Valid Until: March 31, 2018



 **Meets Lighting Global Quality Standards**

 **Mobile Charging**

4 Light Points

Warranty Information

The product is warranted for 24 months against manufacturing defects from the time of original purchase by the first end-user.

Performance Details

| Performance Measure | Brightness Setting*** | |
|---|------------------------|------------------------|
| | All four lamps on high | One 60 lm lamp on high |
| Full battery run time* (hours) | 8 | 32 |
| Run time per day of solar charging* (hours) | 8 | 32 |
| Total light output (lumens) | 300 | 60 |
| Total area with illumination > 50 lux** (m ²) | 0.3 | 0.0 |
| Total lighting service (lumen-hours / solar-day) | 2400 | 2000 |

* Run time estimates do not account for mobile phone charging or other auxiliary loads; the run time is defined as the time until the output is 70% of the initial, stabilized output.

** Total area with illumination > 50 lux is determined by the maximum area with adequate illumination at a 0.75 m distance and at the distance from which the product would normally provide task lighting service.

*** Additional brightness settings (not tested): One 120 lm lamp on high

Lighting Details

| | |
|-----------------------------|---|
| Lamp type | LED |
| Description of light points | 3 x 60 lm / 1 x 120 lm light points |
| Colour characteristics | CRI 83 CCT "Near Daylight" (3000-5000 K) |
| Distribution type | Wide |
| Lumen maintenance | 97% of the original output remains after 1,000 hours run time |

Special Features

| | |
|--------------------|---|
| Radio | Radio with rechargeable Li-ion battery that provides a full-battery run time of 12 hours. |
| Switchable outputs | Individual switchable light and phone charging outputs. Independent 3 stage dimming for each light output. Phone charging cables and adaptors included. |
| Keypad | Keypad for entering PAYG authorisation code. |
| Indicators | LED indicators for solar charging, credit and battery charge. |
| Payment Systems | Mobile Money and Scratchcards with SMS |
| HomeSmart™ | Automatically adjusts the light output to extend run-time in poor charging conditions |

Durability

| | |
|------------------------------------|--|
| Overall durability and workmanship | Pass |
| Durability tests passed | Drop test (required for radio only), switch and connector cycling, strain relief test, physical ingress protection test. Water ingress protection not tested; meant for indoor use only. |

Solar Details

| | |
|------------------------|-------------------------|
| PV module type | Polycrystalline silicon |
| PV maximum power point | 10 watts |

Battery Details

| | |
|--|--|
| Battery replaceability | Not easily replaceable with common tools |
| Battery chemistry | Lithium iron phosphate |
| Battery package type | 2 x 26650 |
| Battery capacity | 6500 mAh |
| Battery nominal voltage | 3.2 V |
| Appropriate battery protection circuit | Pass |

Marks and Certifications

| | |
|-----------------------|-------------------------------|
| Factory certification | ISO 9001:2008, ISO 14001:2004 |
|-----------------------|-------------------------------|

Product Details

| | |
|---------------------------|---------------------------------|
| Manufacturer name | Azuri Technologies Ltd. |
| Product name | 10W Quad Solar Home System (G2) |
| Product model / ID number | Pay Go |
| Contact information | info@azuri-technologies.com |
| Website | www.azuri-technologies.com |

SSS Information

| | |
|-------------------------------------|----------------|
| Specs sheet expiration date | March 31, 2018 |
| Quality Standards Framework Version | 2016 |
| Revision | 2016.03 |