

Platinum

01
IONA

Verify online:
<https://data.verasol.org/products/sek/fo-platinum>
Valid until: September 30, 2025

Results based on test procedures detailed in IEC TS 62257-9-5 and IEC TS 62257-9-8



Meets the requirements in IEC TS 62257-9-8:2020 for Size A Kits



Mobile charging

1

Light point(s)



Plug-and-play



WARRANTY INFORMATION

A 2-year warranty covering manufacturing defects in the system.

PERFORMANCE DETAILS

| | | | | Run time after a typical day of solar charging (assuming 5kWh/m ² /day) | |
|--------------------|------------------|------------------------|---|---|----------------------------------|
| VeraSol Certified? | Included in Kit? | Appliance ^a | Description | Used alone ^b | Used in combination ^c |
| yes | included | Main lighting unit | 1 light point on high totaling 260 lumens and 2.4 W power | 5.1 hours | 2.6 hours |
| no | not included | Mobile phone | Smart phone (5.7 Wh battery) | 1.3 full charge(s) | 0.64 full charge(s) |

| | |
|---|----|
| Available daily electrical energy ^e (Wh/day) | 10 |
|---|----|

| Performance measure | Brightness setting: high |
|---|--------------------------|
| Lighting full battery run time ^d for main unit (hours) | 7.3 |
| Total lighting service (lumen-hours/solar-day) (includes the both main lighting unit and any lights with internal batteries included with the product) | 1330 |

^a Only included appliances were tested. Run times and power ratings for appliances sold separately come from manufacturer ratings or standard estimates.

^b Without any other loads used during the run time

^c Based on an example use profile with all of the appliances listed in the "Used in combination" column used simultaneously.

^d Lighting full battery 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.

LIGHTING DETAILS


| Lamp name | Number of lamps | Number of settings | Setting | Light output (lm) | Lumen efficacy ^e (lm/W) | CR ^f | CCT ^g | Distribution type | Lumen maintenance ^h |
|-----------------|-----------------|--------------------|---------|-------------------|------------------------------------|-----------------|------------------|-------------------|--------------------------------|
| Integrated Lamp | 1 | 4 | high | 260 | 110 | 83 | 4100 | Wide | 97% |
| | | | medium | 110 | 110 | 83 | 4100 | -- | -- |

^e Lumen efficacy is the power consumption at a light point during the light output test.

^f Color Rendering Index. An index of 100 is equivalent to viewing objects in daylight; above 80 is considered good.

^g Correlated Color Temperature in degrees Kelvin. Describes color appearance as warm (2700-3000 K), cool (3000-5000 K), or daylight (>5000 K)

^h Percent of the original light output that remains after 2,000 hours of run time

| PORTS | | |
|--|---|--|
| 1 | USB 2.0 type A  Mobile phones and radios can be charged. Adapters are included. | |
| DURABILITY | | |
| Overall durability and workmanship | Pass | |
| Durability tests passed | Switch test, Drop test, Strain relief test, Physical ingress protection, PV durability tests | |
| Level of water protection | Main Unit | Has protection from permanent outdoor exposure; met IP65 |
| | PV module | Has protection from permanent outdoor exposure. |
| SOLAR DETAILS | | |
| PV module type | Polycrystalline silicon | |
| PV maximum power | 3.9 watts | |
| MAIN UNIT BATTERY DETAILS | | |
| Battery replaceability | Easily replaceable with common tools; however, the warranty is void if product is opened. | |
| Battery chemistry | Lithium iron phosphate | |
| Battery package type | 32700 | |
| Battery capacity | 5.8 Ah | |
| Battery nominal voltage | 3.2 V | |
| Battery status/ other indicator lights | Three indicators are for battery level / One indicator is for solar & DC input | |
| PRODUCT DETAILS | | |
| Manufacturer name | IONA | |
| Product name | Platinum | |
| Contact information | sales@ionasolar.com | |
| Website | www.ionasolar.com | |
| Dimensions (entire product in package) | 21 x 19.2 x 9.4 cm | |
| Mass | 1050 g | |
| SSS INFORMATION | | |
| Specs sheet expiration date | September 30, 2025 | |
| Revision | 2023.09 | |