

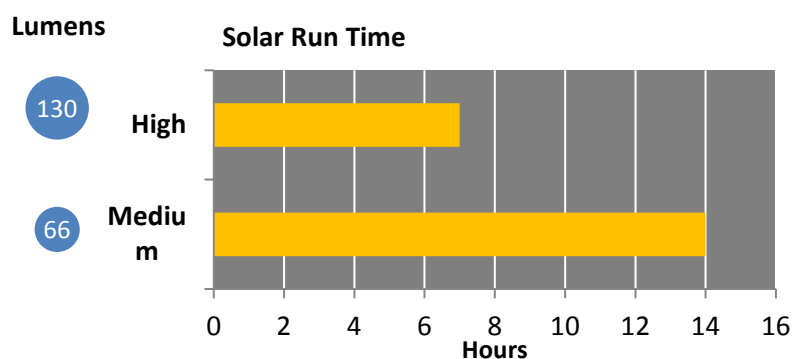
Mobiya TS120S

Schneider Electric

Verify www.lightingglobal.org/products/se-ts120

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

Valid Until: June 30, 2016



Meets Lighting Global Minimum Quality Standards



Mobile Charging

1

Light Point



Warranty Information

A 1-year warranty covering manufacturing defects.

Performance Details

| Performance Measure | Brightness Setting*** | |
|---|-----------------------|--------|
| | High | Medium |
| Full battery run time* (hours) | 7.4 | 16 |
| Run time per day of solar charging* (hours) | 7.0 | 14 |
| Total light output (lumens) | 130 | 66 |
| Total area with illumination > 50 lux** (m ²) | 0.65 | 0.32 |
| Total lighting service (lumen-hours / solar-day) | 910 | 920 |

* 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): Low

Lighting Details

| | |
|-----------------------------|---|
| Lamp type | LED |
| Description of light points | 6 |
| Colour characteristics | CRI 70 CCT "Near Daylight" (3000-5000 K) |
| Distribution type | Wide |
| Lumen maintenance | 97% of the original output remains after 2,000 hours run time |

Special Features

| | |
|-----------------|---|
| Mobile charging | Adapters included to charge mobile phone from battery |
|-----------------|---|

Durability

| | |
|------------------------------------|--|
| Overall durability and workmanship | Pass |
| Durability tests passed | Drop test, switch and connector cycling, strain relief test, physical ingress protection test, and protection from occasional rain |

Solar Details

| | |
|------------------------|-------------------------|
| PV module type | Polycrystalline silicon |
| PV maximum power point | 2.5 watts |

Battery Details

| | |
|--|--------------------------------------|
| Battery replaceability | Easily replaceable with common tools |
| Battery chemistry | Lithium iron phosphate |
| Battery package type | 2 x 18650 cylindrical cells |
| Battery capacity | 1500 mAh |
| Battery nominal voltage | 6.4 V |
| Appropriate battery protection circuit | Pass |

Marks and Certifications

| | |
|-----------------------|---------------|
| Factory certification | ISO 9001:2008 |
|-----------------------|---------------|

Product Details

| | |
|---------------------------|--|
| Manufacturer name | Schneider Electric |
| Product name | Mobiya TS120S |
| Product model / ID number | TS120S |
| Contact information | Ezhilmaran.ranga@schneider-electric.com Prashanth.nagaraja@schneider-electric.com |
| Website | www.schneider-electric.com |

SSS Information

| | |
|---|---------------|
| Specs sheet expiration date | June 30, 2016 |
| Minimum Quality Standards Framework Version | 2014 |
| Revision | 2015.04 |