

# Smarter Catch

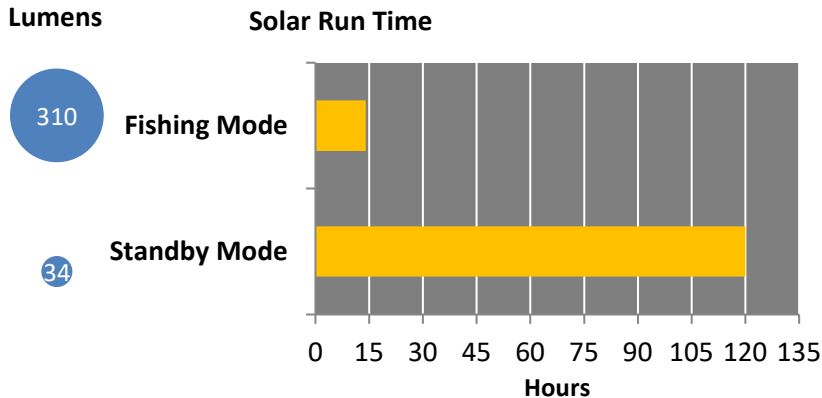
Smarter Grid International Ltd.

Verify Online:

[www.lightingglobal.org/products/sgi-catch](http://www.lightingglobal.org/products/sgi-catch)

Results based on test procedures detailed in IEC 62257-9-5, ed. 3.0

Valid Until: April 30, 2020



Lumens

310

Fishing Mode

34

Standby Mode

Hours



Meets Lighting Global Quality Standards



Mobile Charging



Light Point

**PAYG** Pay-As-You-Go Option Available

## Warranty Information

A 2-year warranty covering manufacturing defects.

## Performance Details

Performance Measure	Brightness Setting**	
	Fishing Mode	Standby Mode
Full battery run time* (hours)	14	120
Run time per day of solar charging* (hours)	14	120
Total light output (lumens)	310	34
Total lighting service (lumen-hours / solar-day)	4300	4100

\* 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 type	LED
Description of light points	12 LEDs with a transparent cover.
Colour characteristics	CRI 83 CCT "Daylight" (> 5000 K)
Distribution type	Omnidirectional
Lumen maintenance	100% of the original output remains after 2,000 hours run time

## Special Features

Waterproof	The lighting unit meets IP67
PAYGO	Pay-as-You-Go enabled

<b>Durability</b>	
Overall durability and workmanship	Pass
Durability tests passed	Drop test, switch and connector cycling, strain relief test, physical ingress protection test. Protection from permanent outdoor exposure. Meets IP68.

<b>Solar Details</b>	
PV module type	Polycrystalline silicon
PV maximum power point	13 watts

<b>Battery Details</b>	
Battery replaceability	Easily replaceable with common tools
Battery chemistry	Lithium-ion
Battery package type	4 x 1865
Battery capacity	10000 mAh
Battery nominal voltage	3.6 V
Appropriate battery protection circuit	Pass

<b>Marks and Certifications</b>	
Factory certification	ISO 9001:2008; ISO14001:2004

<b>Product Details</b>	
Manufacturer name	Smarter Grid International Ltd.
Product name	Smarter Catch
Product model / ID number	C300
Contact information	h.onoh@smartergridinternational.com
Website	www.smartergridint.com
Co-brand of	Omni Catch, Omnivoltaic Energy Solutions Ltd.

<b>SSS Information</b>	
Specs sheet expiration date	April 30, 2020
Quality Standards Framework Version	2018
Revision	2018.06