

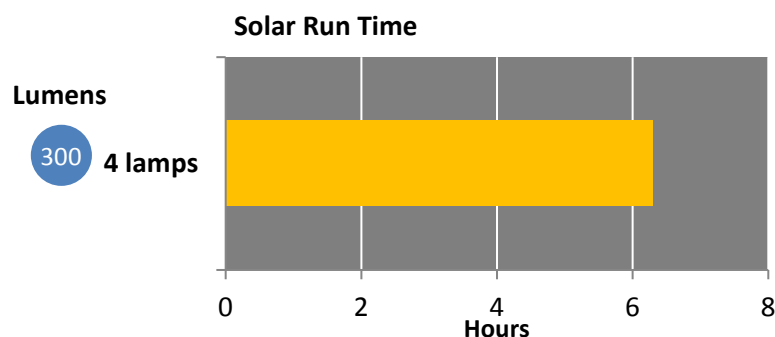
Connect 600

Barefoot Power

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

Verify Online: www.lightingglobal.org/products/bf-connect600

Valid Until: March 31, 2018



**Meets Lighting Global Minimum
Quality Standards**



Mobile Charging

4

Light Points

Warranty Information

The product warranty covers all included components for 2 years (24 months) from date of purchase by first user.

Performance Details

Performance Measure	Brightness Setting***
	4 lamps
Full battery run time* (hours)	11
Run time per day of solar charging* (hours)	6.3
Total light output (lumens)	300
Total area with illumination > 50 lux** (m ²)	0.24
Total lighting service (lumen-hours / solar-day)	1900

* 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): 3 lamps, 2 lamps, 1 lamp

Lighting Details

Lamp type	LED
Description of light points	Identical light points; 12 LEDs per light point
Colour characteristics	CRI 73 CCT "Cool" (5000-7000 K)
Distribution type	Wide
Lumen maintenance	103% of the original output remains after 2,000 hours run time

Special Features

Mobile charging	Adapters included to charge mobile phone from battery
Outputs	4x 12 V lighting outputs, 2 USB outputs, 1x 12 V output
Included accessories	USB radio cable adaptor (for 6 V radios), 12 V cigarette plug adaptor, mounting screws and clips
Enclosure	Made from UV-resistant plastic

Durability

Overall durability and workmanship	Pass
Durability tests passed	Switch and connector cycling, strain relief test, physical ingress protection test, and no water ingress protection

Solar Details

PV module type	Polycrystalline silicon
PV maximum power point	6.6 watts

Battery Details

Battery replaceability	Easily replaceable with common tools
Battery chemistry	Sealed lead-acid
Appropriate battery protection circuit	Pass
Replacement batteries are available from the product manufacturer	

Product Details

Manufacturer name	Barefoot Power
Product name	Connect 600
Product model / ID number	020-30-0001-1
Contact information	info@barefootpower.com
Website	www.barefootpower.com

SSS Information

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