

# Barefoot Connect Li 1000 Ultra

020-30-0071

Barefoot Power Co., Ltd

Verify online:

<https://data.verasol.org/products/sek/bfp-cli1000ultra>

Valid until: December 31, 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 B kits



Mobile charging

4

Light point(s)



Plug-and-play



## WARRANTY INFORMATION

A 2-year warranty that covers manufacturing defects in the system.

## PERFORMANCE DETAILS

VeraSol Certified?	Included in Kit?	Appliance <sup>a</sup>	Description	Run time after a typical day of solar charging (assuming 5kWh/m <sup>2</sup> /day)	
				Used alone <sup>b</sup>	Used in combination <sup>c</sup>
yes	included	Main lighting unit	4 light points on totaling 990 lumens and 6.8 W power	7.6 hours	2.2 hours
no	not included	Mobile phone	Smart phone (5.7 Wh battery)	5.7 full charge(s)	0.56 full charge(s)
no	not included	Radio	Portable radio with a power consumption of 0.5 W while in use	66 hours	1.7 hours
no	not included	Fan	Table fan (6 W power consumption while in use)	8.7 hours	2.8 hours
no	not included	Television	16" diagonal television (13 W power consumption while in use)	4 hours	1.1 hours

Available daily electrical energy <sup>c</sup> (Wh/day)	50
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Performance measure	Brightness setting: Four lights on "high"
Lighting full battery run time <sup>d</sup> for main unit (hours)	11
Total lighting service (lumen-hours/solar-day) (includes the both main lighting unit and any lights with internal batteries included with the product)	7530

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

<sup>b</sup> Without any other loads used during the run time

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

<sup>d</sup> 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 <sup>e</sup> (lm/W)	CRI <sup>f</sup>	CCT <sup>g</sup>	Distribution type	Lumen maintenance <sup>h</sup>
250 lm lamp	4	3	high	250	150	82	6300	Wide	100%
			medium	120	150	82	6300	--	--

<sup>e</sup> Lumen efficacy is the power consumption at a light point during the light output test.

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

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

<sup>h</sup> Percent of the original light output that remains after 2,000 hours of run time

PORTS		
2	USB 2.0 type A	 Mobile phones and radios can be charged. Adapters are included.
4	Barrel jack	 4 12 V ports available to power light points.
1	Barrel jack	 12 V port available to power appliances.
DURABILITY		
Overall durability and workmanship		Pass
Durability tests passed		Switch test, Strain relief test, Physical ingress protection, PV durability tests
Level of water protection	Main Unit	Water ingress protection not tested, meant for indoor use only.
	PV module	Has protection from permanent outdoor exposure
	250 lm lamp	Water ingress protection not tested, meant for indoor use only.
SOLAR DETAILS		
PV module type		Polycrystalline silicon
PV maximum power		15 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
Specific Li-ion battery chemistry		lithium iron phosphate
Battery package type		4x 32700
Battery capacity		6.4 Ah
Battery nominal voltage		12.8 V
Battery status/ other indicator lights		Four indicators for battery life
PRODUCT DETAILS		
Manufacturer name		Barefoot Power Co., Ltd
Product name		Barefoot Connect Li 1000 Ultra
Product model / ID number		020-30-0071
Contact information		info@barefootpower.com
Website		<a href="https://www.barefootpower.com/">https://www.barefootpower.com/</a>
Dimensions (entire product in package)		36.5 x 37 x 16 cm
Mass		4020 g
SSS INFORMATION		
Specs sheet expiration date		December 31, 2025
Revision		2023.12