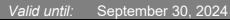# Heri Go 100
Go 100
Fosera Gmbh & Co.KGaA

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

Verify online:
https://data.verasol.org/products/sek/fs-heri100
Valid until: September 30, 2024

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

1 Light point(s)

▶ **Plug-and-play**

NOTE: The PV module is outside the scope of the VeraSol program. The PV module and PV charging were not tested.

WARRANTY INFORMATION

A 3-year warranty covering manufacturing defects in the system.

PERFORMANCE DETAILS

Setting	Description	Run time after grid charging	Total light output (lumens)
Boost	3 LEDs on , 0.73 W power	6.4 hours	100 lumens

Available daily electrical energy (Wh/day) *After 8 hours of grid charging*	4.7

Performance measure	Brightness setting: Boost
Lighting full battery run time (hours)	6.4

LIGHTING DETAILS

Lamp name	Number of lamps	Number of settings	Setting	Light output (lm)	Lumen efficacy* (lm/W)	CRI**	CCT***	Distribution type	Lumen maintenance****
Integrated lamp	1	3	Boost	100	140	83	5200	Wide	99%
			Normal	44	130	84	5200		

* Lumen efficacy is the power consumption at a light point during the light output test.
** Color Rendering Index. An index of 100 is equivalent to viewing objects in daylight; above 80 is considered good.
*** Correlated Color Temperature in degrees Kelvin. Describes color appearance as warm (2700-3000 K), cool (3000-5000 K), or daylight (>5000 K)
**** Percent of the original light output that remains after 2,000 hours of run time

DURABILITY

Overall durability and workmanship		Pass
Durability tests passed		Switch test, Drop test, Physical ingress protection
Level of water protection	Main Unit	Has protection from occasional rain; met IPX1
	PV module	Has protection from permanent outdoor exposure.

SOLAR DETAILS

PV module type	This product is charged by a PV hub that is outside the scope of the VS program.

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 capacity	1.2 Ah
Battery nominal voltage	3.2 V
Battery status/ other indicator lights	Three LED indicators for battery level

PRODUCT DETAILS

Manufacturer name	Fosera Gmbh & Co.KGaA
Product name	Heri Go 100
Product model / ID number	Go 100
Contact information	info@fosera.com
Website	www.fosera.com

SSS INFORMATION

Specs sheet expiration date	September 30, 2024
Revision	2022.09