Solar Home System

TV4L-Q22 Qotto SAS

Results based on test procedures detailed in IEC 62257-9-5 v.4

Verify online:

www.lightingglobal.org/products/qotto-TV4L Valid until: December 31, 2021



Meets the Lighting Global Solar Home System Kit Quality Standards



Mobile charging



Pay-As-You-Go option available



Light point(s)



Electrical connections require tools*



Run time after a typical day of solar

*Some terminals on this product are not plug-and-play. Lighting Global verification assesses the performance of the system, but cannot assess proper installation of the product.

WARRANTY INFORMATION

PERFORMANCE DETAILS

A 3-year warranty covering manufacturing defects for main unit, lights and cables, a 10-year warranty for the PV module, a 2-year warranty for the battery, and a 1-year warranty for the TV.

			chargir (assuming 5kW	
	Appliance ^a	Description	Used alone ^b	Used in combination ^c
ded in kit	Light point	4 light points on (On setting) totaling 1280 lumens and 12 W power	26 hours	9.1 hours
included in Kit	Television	22" diagonal (15 W power consumption while in-use)	22 hours	4.6 hours
yle	Fan	Table fan (11 W power)	30 hours	11.6 hours
sold separately	Mobile phone	Basic phone (3.7 Wh battery)	54 full charge(s)	2.3 full charge(s)
les	Radio	Portable (3.7 Wh battery), with a power consumption of 0.5 W while in-use	400 hours	7 hours

Available daily electrical energy ^c (Wh/day) 320

Performance measure	Brightness setting: on
Lighting full battery run time ^d for main unit (hours)	52
Total lighting service (lumen-hours/solar-day) (includes the both main lighting unit and any auxiliary lights included with the product)	32600

- ^a Only included appliances were tested. Run times and power ratings for appliances sold separately come from manufacturer ratings or standard estimates.
- ^b Without any other loads used during the run time
- ^c Based on an example use profile with all of the appliances listed in the "Used in combination" column used simultaneously.
- d 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 ^e (Im/W)	CRI ^f	CCT ^g	Distribution type	Lumen maintenance ^h
Light Point	4	1	On	320	100	84	6700	Wide	100%

^e Lumen efficacy is the power consumption at a light point during the light output test.

¹Color Rendering Index. An index of 100 is equivalent to viewing objects in daylight; above 80 is considered good.

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

 $^{^{\}rm h}$ Percent of the original light output that remains after 2,000 hours of run time

Pay-As-You-Go enabled TV	SPECIAL FEATUR	RES					
PORTS 9 USB 2.0 type A 12 V ports available to power light points and other appliances (TV and fan). Pass Durability sats passed 12 V ports available to power light points and other appliances (TV and fan). Pass Durability tests passed 12 V ports available to power light points and other appliances (TV and fan). Pass Durability tests passed 12 V ports available to power light points and other appliances (TV and fan). Pass Pass Switch test, Drop test, Strain relief test, physical ingress protection. PV module type strain teller test, physical ingress protection. PV module type strain teller test, physical ingress protection. PV module type strain teller test, physical ingress protection. PV module type strain teller test, physical ingress protection. PV module type strain teller test, physical ingress protection. PV module type strain teller test, physical ingress protection. PV module type strain teller test, physical ingress protection. PV module type strain teller test, physical ingress protection. PV module type strain teller test, physical ingress protection. PV module type strain teller test, physical ingress protection. PV module type strain teller test, physical ingress protection. PV module type strain teller test, physical ingress protection. PV module type strain teller test, physical ingress protection. Polycroterion from occasional rain, rell [PX1 To the special type strain type strain teller test, physical ingress protection. Polycroterion from occasional rain, rell [PX1 To the special type strain teller test, physical ingress protection. Polycroterion from occasional rain, rell [PX1 To the special type strain teller test, physical ingress protection. Polycroterion from occasional rain, rell [PX1 To the special type strain teller test, physical ingress protection. Polycroterion from occasional rain, rell [PX1 To the special type strain teller test, physical ingress protection. Polycroterion from occasional rain, rell [PX1 To the special type strain teller test	PAYG	*	Pay-As-You-Go enabled				
Nobile phones can be charged. Adapters are included. 2	TV	*	TV includes a DTT and Sa	atellite decoder.			
Pase	PORTS						
Overall durability and workmanship Pass Durability lests passed Xwitch test, Drop test, Strain relief test, physical ingress protection. Level of water protection TV4L-Q22 kit Water ingress protection not tested, meant for indoor use only. Level of water protection TV4L-Q22 kit Water ingress protection not tested, meant for indoor use only. SOURT DETAILS PV module type Polycrystalline silicon PV module type Polycrystalline silicon PV module type Polycrystalline silicon Battery replaceability East proplaceable with common tools; however, the warranty is void if product is opened. Battery capacity East proplaceable with common tools; however, the warranty is void if product is opened. Battery capacity Battery capacity 15 x 17 x 7. cm Battery capacity 12 V Battery prominal voltage 12 V Battery salus indication Solica Home Septem Batter product in any Analysis of the product in any Analysis of the product in any	9	USB 2.0 type A	-	Mobile phones can be charged. Adapters are included.			
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