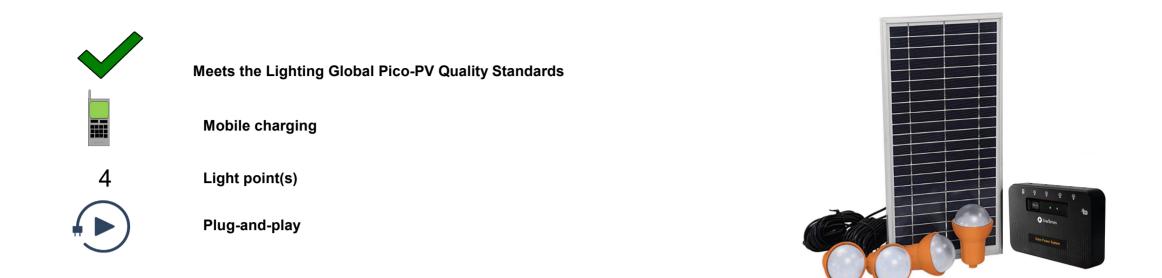
StarTimes Software Technology Co., Ltd

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

Verify online: https://data.verasol.org/products/sek/st-s4b *Valid until:* December 31, 2022



WARRANTY INFORMATION

A 1-year warranty covers manufacturing defects.

PERFORMANCE DETAILS

		Run time after a typical day of solar charging (assuming 5kWh/m²/day)		
	A ppliance ^a	Description	Used alone ^b	Used in combination ^c
included in kit	Main lighting unit	4 lights on high totalling 680 lumens and 5.6 W	4.3 hours	1 hours
sold separately	Mobile phone	Smart phone (5.7 Wh battery)	2.9 full charge(s)	0.27 full charge(s)
sold separatory.	Fan	USB table fan with 2.5 W power	2 hours	1.3 hours

Available daily electrical energy^c (Wh/day)

Performance measure	Brightness setting: High	
Lighting full battery run time ^d for main unit (hours)	6	
Total lighting service (lumen-hours/solar-day) (includes the both main lighting unit and any auxiliary lights included with the product)	2900	

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^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 (Im)	Lumen efficacy ^e (Im/W)	CRI ^f	CCT ^g	Distribution type	Lumen maintenance ^h
2 W lamp	4	2	High	170	120	74	7400	Wide	100%

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

^fColor Rendering Index. An index of 100 is equivalent to vieiwing 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)

^h Percent of the original light output that remains after 2,000 hours of run time

2	USB 2.0 type A		One 5V USB port is available on the main unit and one 5V USB Port is available on the PV module for charging a cellphone.				
4	Barrel jack		Four 7.4V barrel jacks are available to power light points.				
DURABILITY							
Overall durability	/ and workmanship		Pass				
Durability tests passed			Switch test, Drop test, Strain relief test, physical ingress protection.				
Level of water protection		Main Lighting Unit	Water ingress protection not tested, meant for indoor use only.				
		PV module	Has protection from permanent outdoor exposure				
SOLAR DETAIL	.S						
PV module type			Polycrystalline silicon				
PV maximum po	ower		7.8 watts				
BATTERY DETA	AILS						
Battery replaceability			Easily replaceable with common tools.				
Battery chemistry			Lithium-ion				
Battery package type			4 x 18650				
Battery capacity			5.3 Ah				
Battery nominal	voltage		7.4 V				
Battery status indication			One indicator for charging status and one for operating status.				
PRODUCT DET	AILS						
Manufacturer na	me		StarTimes Software Technology Co., Ltd				
Product name			Solar Home				
Product model /	ID number		S35E				
Contact information			wuxm@startimes.com.cn				
Website			https://www.startimes.com.cn/				
Co-brand of			Solar 4 Bulbs Home Lighting and Charging System, ShenZhen Solar Run Energy Co., L				
Dimensions (entire product in package)			19 x 36 x 7.5 cm				
Mass			2145 g				
SSS INFORMATI							
Specs sheet expiration date			December 31, 2022				
Quality standards framework version			2020				
Revision			2022.05				