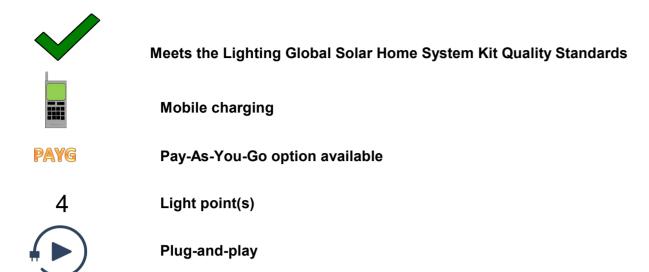
Shenzhen Solar Run Energy Co. Ltd.

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

Verify online:

www.lightingglobal.org/products/ssr-sr31A Valid until: January 31, 2022





WARRANTY INFORMATION

A 2-year warranty covering manufacturing defects in the system.

PERFORMANCE DETAILS

				Run time after a typical day of solar charging		
	(assuming 5kWh/m²/day		/h/m²/day)			
	Appliance ^a	Description	Used alone ^b	Used in combination ^c		
	Main lighting unit	3 light points on totaling 730 lumens and 9.6 W	10 hours	4.1 hours		
included	Radio	portable (1900 mAh battery, 3.7 V nominal voltage)	180 hours	3.9 hours		
	Torch	600 mAh, 56 lumens torch, 3.2 V nominal voltage	160 hours	5.2 hours		
	Mobile phone	Smart phone (5.7 Wh battery)	16.3 full charge(s)	1.3 full charge(s)		
sold separately	Television	19"DC TV (10W)	15 hours	2.3 hours		
	Fan	16" stand fan	15 hours	5.8 hours		

Available daily electrical energy^c (Wh/day)

130

Performance measure	Brightness setting: On
Lighting full battery run time ^d for main unit (hours)	10
Total lighting service (lumen-hours/solar-day) (includes the both main lighting unit and any auxiliary lights included with the product)	8000

^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
3 W LED bulb	3	1	On	240	57	84	7000	Wide	100%
Torch	1	2	Front Light (torch light)	56	95	76	6300	Narrow	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

SPECIAL FEAT	URES						
PAYG	\star	Pay-As-You-Go enabled					
PORTS							
2	USB 2.0 type A		Mobile phones, torch and radio can be charged. Mobile phone charging adapters are included.				
5	Barrel jack		Ports available to power appliances.				
DURABILITY							
Overall durability	and workmanship		Pass				
Durability tests p	assed		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 por	wer		53 watts				
BATTERY DETA	AILS						
Battery replaceal	bility		Easily replaceable with common tools; however, the warranty is void if product is opene				
Battery chemistry	у		Lithium iron phosphate				
Battery package	type		26650				
Battery capacity			9.7 Ah				
Battery nominal v	voltage		12.8 V				
Battery status indication			Four LEDs indicate different working status: one code-entry indicator shows whether code the customer entered is correct; one credit indicator shows whether the credit is enough; one solar module indicator shows solar charging status and one battery indicator shows battery level				
PRODUCT DET	AILS						
Manufacturer na	me		Shenzhen Solar Run Energy Co. Ltd.				
Product name			Apollo 9 Solar Home System				
Product model / I	ID number		SR31A				
Contact information			info@solarunoffgrid.com				
Website			www.solarunoffgrid.com				
Dimensions (entire product in package)			Multiple packages. Contact manufacturer for more information.				
Mass			Multiple packages. Contact manufacturer for more information.				
SS INFORMATI	ON						
Specs sheet expiration date			January 31, 2022				
Quality standards framework version			2019				
Revision			2019.08				