



Solar Indoor System

SIS-200 Solar Indoor System

Solar indoor system for communities without access to electricity or with unreliable power supply. By harnessing the abundant energy from the sun, these systems deliver free and clean power to multiple lamps and appliances enhancing the lifestyles of remote communities.

Product data

General Information		Cable connection kit	
Driver included	Yes	Excluded	
Remarks	Solar Panel and battery to be ordered separately	Temperature	
Light source engine type	LED	Ambient temperature range	
Warranty period	2 years	0 to +45 °C	
Light Technical		Controls and Dimming	
Luminous Efficacy (rated) (Nom)	120 lm/W	Dimmable	
Luminaire light beam spread	180°	Yes	
Operating and Electrical		Mechanical and Housing	
Input Voltage	15-18 DC V	Housing Color	
Line Frequency	0 Hz	Gray	
Battery type	Lithium Ferro Phosphate	Overall length	
Battery ampere hour	80 Ah	300 mm	
Battery voltage	12.8 V	Overall width	
Battery charging & discharging cycles	2000	230 mm	
Panel voltage	18 Vmp V	Overall height	
Panel peak wattage	200 W	75 mm	
Charge controller type	MPPT	Dimensions (Height x Width x Depth)	
Charge controller wattage	84 W	75 x 230 x 300 mm	
		Material	
		Composite	
		Approval and Application	
		Ingress protection code	
		IP20 [Finger-protected]	
		Over Time Performance (IEC Compliant)	
		Median useful life L70B50	
		50,000 hour(s)	

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Application Conditions	
Ambient temperature range for charging	0 °C to +45 °C °C
Ambient temperature range for discharging (when light is on)	-20 °C to +35 °C °C
Solar dimming profile	High [Medium]
Grid connection type	Off grid
Battery location	External

Product Data	
Order product name	SIS-200 Solar Indoor System

Full product name	SIS-200 Solar Indoor System
Order code	919515812907
Material Nr. (12NC)	919515812907
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	4

Dimensional drawing

Product Dimensions

