



Solar Indoor System

SIS-30 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	
Driver included	Yes
Remarks	Solar Panel to be ordered separately
Light source engine type	LED
Warranty period	2 years
Light Technical	
Luminous Efficacy (rated) (Nom)	120 lm/W
Luminaire light beam spread	180°
Operating and Electrical	
Input Voltage	15-18 DC V
Line Frequency	0 Hz
Battery type	Lithium Ferro Phosphate
Battery ampere hour	10 Ah
Battery voltage	12.8 V
Battery charging & discharging cycles	2000
Panel voltage	17 Vmp V
Panel peak wattage	30 W
Charge controller type	MPPT
Charge controller wattage	18 W
Cable connection kit	Excluded

Temperature	
Ambient temperature range	0 to +45 °C
Controls and Dimming	
Dimmable	Yes
Mechanical and Housing	
Housing Color	Silver
Overall length	285 mm
Overall width	210 mm
Overall height	86 mm
Dimensions (Height x Width x Depth)	86 x 210 x 285 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)
Application Conditions	
Ambient temperature range for charging	0 °C to +45 °C

Solar Indoor System

Ambient temperature range for discharging (when light is on)	
Solar dimming profile	High [Medium]
Grid connection type	Off grid
Battery location	Integrated

Product Data

Order product name	SIS-30 Solar Indoor System
--------------------	----------------------------

Full product name	SIS-30 Solar Indoor System
Order code	919515812941
Material Nr. (12NC)	919515812941
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	1

Dimensional drawing

