



Solar indoor system for remote communities

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.

Benefits

- Brings light to areas without access to electric grid or unreliable power supply
- Saves energy
- Extends lifestyles beyond sunset and improves comfort during the day
- Environment friendly
- Sturdy construction for long life
- Applicable to homes as well as business establishments
- Mobile charging via USB port
- Specific models for powering DC appliances for enhancing lifestyles of remote communities

Features

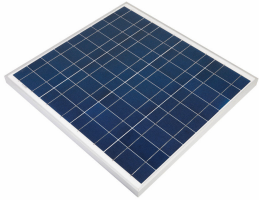
- Highly Efficient and long life LED light sources
- Easy to operate - Single button dimming and ON/OFF controls
- Highly efficient MPPT charge controllers for maximising run time and built in protection circuits for long life.
- Long lasting replaceable lithium ferro phosphate battery in all portable lamps
- Intuitive display for ease of use
- Charges mobile phones safely
- specific models with ability to power specific DC appliances

Solar Indoor System

Application

- Homes
- Small shops and business establishments
- Guard rooms
- Elementary schools
- Community centers

Versions



Solar Panel



Batten image without cable and switch



SIS 30



Solar Indoor System Compact 400 3.3



Solar Panel

Application Conditions

Ambient temperature range 0 to +45 °C

Application Conditions

Solar Indoor System

Order Code	Full Product Name	Ambient temperature	Ambient temperature	Battery location	Grid connection	Autonomy	Solar dimming
		range for charging	range for discharging (when light is on)		type		profile
919415811108	ZRP302 PVP 25Wp 12.3V	-	-	-	-	-	-
919415811109	ZRP302 PVP 35Wp 12.3V	-	-	-	-	-	-
919515811359	Solar Equip BN305C CW 3W 12V DC	-	-	External	-	-	High
919515811360	Solar Equip BN305C CW 5W 12V DC	-	-	External	-	-	High
919515811361	Solar Equip BN305C CW 7W 12V DC	-	-	External	-	-	High
919515812654	Solar Equip BN 305C CW 7W 12V DC-LLB	-	-	External	-	-	High
919515812893	Solar Equip BN 305C CW 3W 12V DC-WCS	-	-	External	-	-	High
919515812894	BN 305C CW 5W 12V DC-WCS	-	-	External	-	-	High
919515812895	BN 305C CW 7W 12V DC-WCS	-	-	External	-	-	High
919515812907	SIS-200 Solar Indoor System	0 to +45 °C	-20 to +35 °C	External	Off grid	-	High
919515812941	SIS-30 Solar Indoor System	0 to +45 °C	-20 to +35 °C	Integrated	Off grid	-	High
919515813189	Solar Indoor System Compact 400 3.3	0 to +45 °C	-20 to +35 °C	Integrated	Off grid	upto 50 h	High
919515813190	Solar Indoor System Compact 300 2.1	0 to +45 °C	-20 to +35 °C	Integrated	Off grid	upto 50 h	High
919615899523	SIS INDONESIA PV PANEL- 35W	-	-	-	-	-	-

Operating and Electrical (1/2)

Order Code	Full Product Name	Battery ampere hour	Battery charging	Battery voltage	Cable connection kit	Charge controller type	Charge
			& discharging cycles				Battery type
919415811108	ZRP302 PVP 25Wp 12.3V	-	-	-	Excluded	-	-
919415811109	ZRP302 PVP 35Wp 12.3V	-	-	-	Excluded	-	-
919515811359	Solar Equip BN305C CW 3W 12V DC	-	-	-	Excluded	-	-
919515811360	Solar Equip BN305C CW 5W 12V DC	-	-	-	Excluded	-	-
919515811361	Solar Equip BN305C CW 7W 12V DC	-	-	-	Excluded	-	-
919515812654	Solar Equip BN 305C CW 7W 12V DC-LLB	-	-	-	Excluded	-	-
919515812893	Solar Equip BN 305C CW 3W 12V DC- WCS	-	-	-	Included	-	-
919515812894	BN 305C CW 5W 12V DC-WCS	-	-	-	Included	-	-
919515812895	BN 305C CW 7W 12V DC-WCS	-	-	-	Included	-	-
919515812907	SIS-200 Solar Indoor System	80 Ah	2000	Lithium Ferro Phosphate	12.8 V	Excluded	MPPT 84 W
919515812941	SIS-30 Solar Indoor System	10 Ah	2000	Lithium Ferro Phosphate	12.8 V	Excluded	MPPT 18 W
919515813189	Solar Indoor System Compact 400 3.3	3.3 Ah	2000	Lithium Ferro Phosphate	6.4 V	Included	MPPT 22 W
919515813190	Solar Indoor System Compact 300 2.1	2.1 Ah	2000	Lithium Ferro Phosphate	6.4 V	Included	MPPT 22 W
919615899523	SIS INDONESIA PV PANEL- 35W	-	-	-	-	-	-

Operating and Electrical (2/2)

Order Code	Full Product Name	Panel peak		Panel voltage	Order Code	Full Product Name	Panel peak		Panel voltage
		wattage	Panel type				wattage	Panel type	
919415811108	ZRP302 PVP 25Wp 12.3V	25 W	Mono crystalline	12.3 V	919515811359	Solar Equip BN305C CW 3W 12V DC	-	-	-
919415811109	ZRP302 PVP 35Wp 12.3V	35 W	Mono crystalline	12.3 V	919515811360	Solar Equip BN305C CW 5W 12V DC	-	-	-

Solar Indoor System

Order Code	Full Product Name	Panel peak wattage	Panel type	Panel voltage
919515811361	Solar Equip BN305C CW 7W 12V DC	-	-	-
919515812654	Solar Equip BN 305C CW 7W 12V DC-LLB	-	-	-
919515812893	Solar Equip BN 305C CW 3W 12V DC-WCS	-	-	-
919515812894	BN 305C CW 5W 12V DC-WCS	-	-	-
919515812895	BN 305C CW 7W 12V DC-WCS	-	-	-

Order Code	Full Product Name	Panel peak wattage	Panel type	Panel voltage
919515812907	SIS-200 Solar Indoor System	200 W	-	18 Vmp V
919515812941	SIS-30 Solar Indoor System	30 W	-	17 Vmp V
919515813189	Solar Indoor System Compact 400 3.3	35 W	Mono crystalline	12.5 Vmp V
919515813190	Solar Indoor System Compact 300 2.1	25 W	Mono crystalline	12.5 Vmp V
919615899523	SIS INDONESIA PV PANEL- 35W	35 W	Mono crystalline	12.5 Vmp V

Mechanical and Housing

Order Code	Full Product Name	Color	Overall height	Overall length	Overall width
919415811108	ZRP302 PVP 25Wp 12.3V	-	35 mm	670 mm	360 mm
919415811109	ZRP302 PVP 35Wp 12.3V	-	35 mm	670 mm	360 mm
919515811359	Solar Equip BN305C CW 3W 12V DC	Aluminum and white	21.5 mm	256 mm	36 mm
919515811360	Solar Equip BN305C CW 5W 12V DC	Aluminum and white	21.5 mm	256 mm	36 mm
919515811361	Solar Equip BN305C CW 7W 12V DC	Aluminum and white	21.5 mm	341 mm	36 mm
919515812654	Solar Equip BN 305C CW 7W 12V DC-LLB	Aluminum and white	21.5 mm	341 mm	36 mm
919515812893	Solar Equip BN 305C CW 3W 12V DC-WCS	Aluminum and white	21.5 mm	171 mm	36 mm

Order Code	Full Product Name	Color	Overall height	Overall length	Overall width
919515812894	BN 305C CW 5W 12V DC-WCS	Aluminum and white	21.5 mm	256 mm	36 mm
919515812895	BN 305C CW 7W 12V DC-WCS	Aluminum and white	21.5 mm	341 mm	36 mm
919515812907	SIS-200 Solar Indoor System	Gray	75 mm	300 mm	230 mm
919515812941	SIS-30 Solar Indoor System	Silver	86 mm	285 mm	210 mm
919515813189	Solar Indoor System Compact 400 3.3	Red	175 mm	100 mm	100 mm
919515813190	Solar Indoor System Compact 300 2.1	Red	175 mm	100 mm	100 mm
919615899523	SIS INDONESIA PV PANEL- 35W	-	20 mm	655 mm	345 mm

Approval and Application

Order Code	Full Product Name	Ingress protection code
919415811108	ZRP302 PVP 25Wp 12.3V	-
919415811109	ZRP302 PVP 35Wp 12.3V	-
919515811359	Solar Equip BN305C CW 3W 12V DC	IP40
919515811360	Solar Equip BN305C CW 5W 12V DC	IP40
919515811361	Solar Equip BN305C CW 7W 12V DC	IP40
919515812654	Solar Equip BN 305C CW 7W 12V DC-LLB	IP40
919515812893	Solar Equip BN 305C CW 3W 12V DC-WCS	IP40

Order Code	Full Product Name	Ingress protection code
919515812894	BN 305C CW 5W 12V DC-WCS	IP40
919515812895	BN 305C CW 7W 12V DC-WCS	IP40
919515812907	SIS-200 Solar Indoor System	IP20
919515812941	SIS-30 Solar Indoor System	IP20
919515813189	Solar Indoor System Compact 400 3.3	IP65
919515813190	Solar Indoor System Compact 300 2.1	IP65
919615899523	SIS INDONESIA PV PANEL- 35W	-

Controls and Dimming

Order Code	Full Product Name	Dimmable	Configurability
919415811108	ZRP302 PVP 25Wp 12.3V	-	-
919415811109	ZRP302 PVP 35Wp 12.3V	-	-
919515811359	Solar Equip BN305C CW 3W 12V DC	Yes	Not configurable
919515811360	Solar Equip BN305C CW 5W 12V DC	Yes	Not configurable
919515811361	Solar Equip BN305C CW 7W 12V DC	Yes	Not configurable
919515812654	Solar Equip BN 305C CW 7W 12V DC-LLB	Yes	Not configurable

Order Code	Full Product Name	Dimmable	Configurability
919515812893	Solar Equip BN 305C CW 3W 12V DC-WCS	Yes	Not configurable
919515812894	BN 305C CW 5W 12V DC-WCS	Yes	Not configurable
919515812895	BN 305C CW 7W 12V DC-WCS	Yes	Not configurable
919515812907	SIS-200 Solar Indoor System	Yes	-
919515812941	SIS-30 Solar Indoor System	Yes	-
919515813189	Solar Indoor System Compact 400 3.3	Yes	Not configurable

Solar Indoor System

Order Code	Full Product Name	Dimmable	Configurability
919515813190	Solar Indoor System Compact 300 2.1	Yes	Not configurable

Order Code	Full Product Name	Dimmable	Configurability
919615899523	SIS INDONESIA PV PANEL- 35W	-	-

Initial Performance (IEC Compliant)

Order Code	Full Product Name	Init. Corr. Color Temperature	Init. Color Rendering Index
919415811108	ZRP302 PVP 25Wp 12.3V	-	-
919415811109	ZRP302 PVP 35Wp 12.3V	-	-
919515811359	Solar Equip BN305C CW 3W 12V DC	6500 K	>80
919515811360	Solar Equip BN305C CW 5W 12V DC	6500 K	>80
919515811361	Solar Equip BN305C CW 7W 12V DC	6500 K	>80
919515812654	Solar Equip BN 305C CW 7W 12V DC-LLB	6500 K	>80
919515812893	Solar Equip BN 305C CW 3W 12V DC-WCS	6500 K	>80

Order Code	Full Product Name	Init. Corr. Color Temperature	Init. Color Rendering Index
919515812894	BN 305C CW 5W 12V DC-WCS	6500 K	>80
919515812895	BN 305C CW 7W 12V DC-WCS	6500 K	>80
919515812907	SIS-200 Solar Indoor System	-	-
919515812941	SIS-30 Solar Indoor System	-	-
919515813189	Solar Indoor System Compact 400 3.3	6500 K	>80
919515813190	Solar Indoor System Compact 300 2.1	6500 K	>80
919615899523	SIS INDONESIA PV PANEL- 35W	-	-

