

# Solar Panels for Solar Lighting.

## Solar Panel Sub System

A Range of Solar panels from 20 W to 325 W specially designed for Philips Solar Street lighting, Flood lighting and Solar Indoor Systems

### Benefits

- Robust quality managed by Philips quality discipline, supplied by world class manufacturers
- Customization available
- Plug and play design for easy connection and installation
- TUV certification

### Features

- Connectors with excellent aging resistance and UV endurance, for harsh environment operations.
- Environmentally sealed to IP67
- Ambient temperature range : -40~+85。 C
- Simple crimp-and-poke application
- Tactile and audible mating feedback

### Application

- Solar Street Lighting
- Solar Flood Lighting
- Solar Indoor Systems

# Solar Panel Sub System

## Versions



Solar Panel Sub System



Solar Panel Sub System



Solar Panel Sub System



Solar Panel Sub System



Solar Panel Sub System



Solar Panel Sub System



Solar Panel Sub System



Solar Panel Sub System

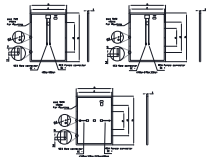


Solar Panel Sub System

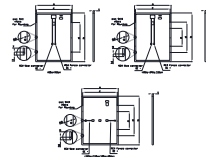


Solar Panel Sub System

## Dimensional drawing



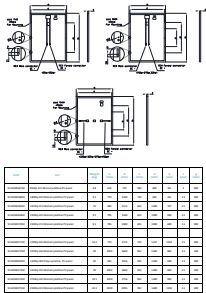
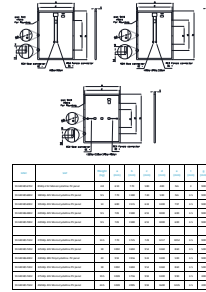
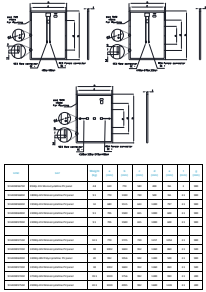
Model	W	H	W <sub>1</sub>	H <sub>1</sub>	W <sub>2</sub>	H <sub>2</sub>	W <sub>3</sub>	H <sub>3</sub>
SP-1	1000	1000	950	100	950	100	950	100
SP-2	1000	1000	950	100	950	100	950	100
SP-3	1000	1000	950	100	950	100	950	100
SP-4	1000	1000	950	100	950	100	950	100
SP-5	1000	1000	950	100	950	100	950	100
SP-6	1000	1000	950	100	950	100	950	100
SP-7	1000	1000	950	100	950	100	950	100
SP-8	1000	1000	950	100	950	100	950	100
SP-9	1000	1000	950	100	950	100	950	100
SP-10	1000	1000	950	100	950	100	950	100
SP-11	1000	1000	950	100	950	100	950	100
SP-12	1000	1000	950	100	950	100	950	100
SP-13	1000	1000	950	100	950	100	950	100
SP-14	1000	1000	950	100	950	100	950	100
SP-15	1000	1000	950	100	950	100	950	100
SP-16	1000	1000	950	100	950	100	950	100
SP-17	1000	1000	950	100	950	100	950	100
SP-18	1000	1000	950	100	950	100	950	100
SP-19	1000	1000	950	100	950	100	950	100
SP-20	1000	1000	950	100	950	100	950	100



Model	W	H	W <sub>1</sub>	H <sub>1</sub>	W <sub>2</sub>	H <sub>2</sub>	W <sub>3</sub>	H <sub>3</sub>
SP-1	1000	1000	950	100	950	100	950	100
SP-2	1000	1000	950	100	950	100	950	100
SP-3	1000	1000	950	100	950	100	950	100
SP-4	1000	1000	950	100	950	100	950	100
SP-5	1000	1000	950	100	950	100	950	100
SP-6	1000	1000	950	100	950	100	950	100
SP-7	1000	1000	950	100	950	100	950	100
SP-8	1000	1000	950	100	950	100	950	100
SP-9	1000	1000	950	100	950	100	950	100
SP-10	1000	1000	950	100	950	100	950	100
SP-11	1000	1000	950	100	950	100	950	100
SP-12	1000	1000	950	100	950	100	950	100
SP-13	1000	1000	950	100	950	100	950	100
SP-14	1000	1000	950	100	950	100	950	100
SP-15	1000	1000	950	100	950	100	950	100
SP-16	1000	1000	950	100	950	100	950	100
SP-17	1000	1000	950	100	950	100	950	100
SP-18	1000	1000	950	100	950	100	950	100
SP-19	1000	1000	950	100	950	100	950	100
SP-20	1000	1000	950	100	950	100	950	100

# Solar Panel Sub System

## Dimensional drawing



## Solar Panel Sub System

Order Code	Full Product Name	Panel peak wattage	Panel type	Panel voltage
911401857102	270Wp 42V Monocrystalline PV panel	270 W	Mono crystalline	42 V
911401857402	375Wp 34V Monocrystalline PV panel	375 W	Mono crystalline	34 V
911401857502	450Wp 41V Monocrystalline PV panel	450 W	Mono crystalline	41 V
911401862002	330Wp 38V Polycrystalline PV panel	330 W	Poly crystalline	38 V
911401857202	325Wp 34V Monocrystalline PV panel	325 W	Mono crystalline	34 V

Order Code	Full Product Name	Panel peak wattage	Panel type	Panel voltage
911401862802	220Wp 42V Monocrystalline PV panel	220 W	Mono crystalline	42 V
911401856802	180Wp 42V Monocrystalline PV panel	180 W	Mono crystalline	42 V
911401857002	220Wp 21V Monocrystalline PV panel	220 W	Mono crystalline	21 V
911401856902	195Wp 41V Monocrystalline PV panel	195 W	Mono crystalline	41 V
911401856702	85Wp 21V Monocrystalline PV panel	85 W	Mono crystalline	21 V

### Mechanical and Housing

Order Code	Full Product Name	Overall height	Overall length	Overall width
911401857102	270Wp 42V Monocrystalline PV panel	3.5 mm	1,725 mm	770 mm
911401857402	375Wp 34V Monocrystalline PV panel	3.5 mm	1,756 mm	1,039 mm
911401857502	450Wp 41V Monocrystalline PV panel	3.5 mm	2,095 mm	1,039 mm
911401862002	330Wp 38V Polycrystalline PV panel	3.5 mm	1,956 mm	992 mm
911401857202	325Wp 34V Monocrystalline PV panel	3.5 mm	1,684 mm	1,002 mm

Order Code	Full Product Name	Overall height	Overall length	Overall width
911401862802	220Wp 42V Monocrystalline PV panel	3.5 mm	1,580 mm	705 mm
911401856802	180Wp 42V Monocrystalline PV panel	3.5 mm	1,180 mm	770 mm
911401857002	220Wp 21V Monocrystalline PV panel	3.5 mm	1,580 mm	705 mm
911401856902	195Wp 41V Monocrystalline PV panel	3.5 mm	1,515 mm	680 mm
911401856702	85Wp 21V Monocrystalline PV panel	3 mm	770 mm	610 mm

