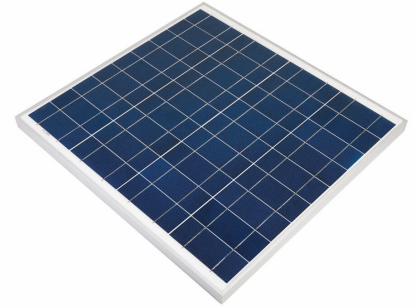




Solar Panels for Philips Solar Lighting.

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





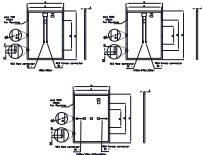


Solar Panel Sub System

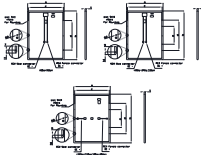
Solar Panel Sub System

Solar Panel Sub System

Dimensional drawing



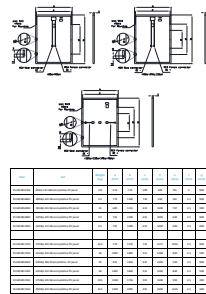
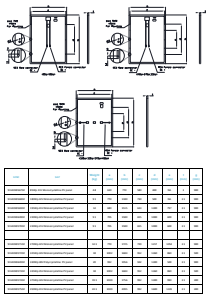
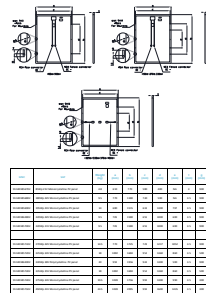
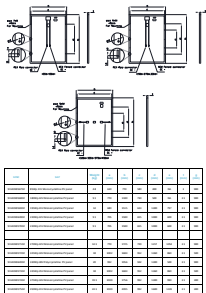
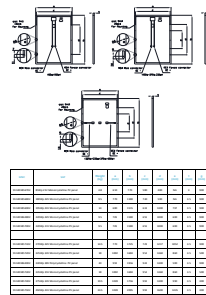
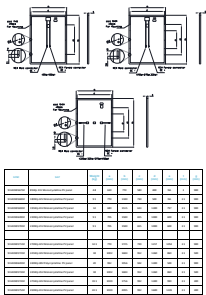
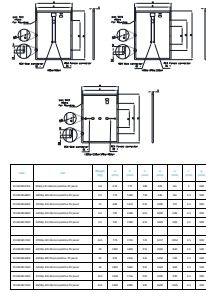
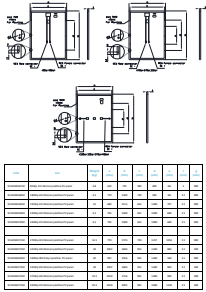
Model	W	H	D	W1	H1	D1	W2	H2	D2
SPS-1000	1000	1000	35	950	950	30	980	980	38
SPS-1500	1500	1500	35	1450	1450	30	1480	1480	38
SPS-2000	2000	2000	35	1950	1950	30	1980	1980	38
SPS-2500	2500	2500	35	2450	2450	30	2480	2480	38
SPS-3000	3000	3000	35	2950	2950	30	2980	2980	38
SPS-3500	3500	3500	35	3450	3450	30	3480	3480	38
SPS-4000	4000	4000	35	3950	3950	30	3980	3980	38
SPS-4500	4500	4500	35	4450	4450	30	4480	4480	38
SPS-5000	5000	5000	35	4950	4950	30	4980	4980	38
SPS-5500	5500	5500	35	5450	5450	30	5480	5480	38
SPS-6000	6000	6000	35	5950	5950	30	5980	5980	38
SPS-6500	6500	6500	35	6450	6450	30	6480	6480	38
SPS-7000	7000	7000	35	6950	6950	30	6980	6980	38
SPS-7500	7500	7500	35	7450	7450	30	7480	7480	38
SPS-8000	8000	8000	35	7950	7950	30	7980	7980	38
SPS-8500	8500	8500	35	8450	8450	30	8480	8480	38
SPS-9000	9000	9000	35	8950	8950	30	8980	8980	38
SPS-9500	9500	9500	35	9450	9450	30	9480	9480	38
SPS-10000	10000	10000	35	9950	9950	30	9980	9980	38



Model	W	H	D	W1	H1	D1	W2	H2	D2
SPS-1000	1000	1000	35	950	950	30	980	980	38
SPS-1500	1500	1500	35	1450	1450	30	1480	1480	38
SPS-2000	2000	2000	35	1950	1950	30	1980	1980	38
SPS-2500	2500	2500	35	2450	2450	30	2480	2480	38
SPS-3000	3000	3000	35	2950	2950	30	2980	2980	38
SPS-3500	3500	3500	35	3450	3450	30	3480	3480	38
SPS-4000	4000	4000	35	3950	3950	30	3980	3980	38
SPS-4500	4500	4500	35	4450	4450	30	4480	4480	38
SPS-5000	5000	5000	35	4950	4950	30	4980	4980	38
SPS-5500	5500	5500	35	5450	5450	30	5480	5480	38
SPS-6000	6000	6000	35	5950	5950	30	5980	5980	38
SPS-6500	6500	6500	35	6450	6450	30	6480	6480	38
SPS-7000	7000	7000	35	6950	6950	30	6980	6980	38
SPS-7500	7500	7500	35	7450	7450	30	7480	7480	38
SPS-8000	8000	8000	35	7950	7950	30	7980	7980	38
SPS-8500	8500	8500	35	8450	8450	30	8480	8480	38
SPS-9000	9000	9000	35	8950	8950	30	8980	8980	38
SPS-9500	9500	9500	35	9450	9450	30	9480	9480	38
SPS-10000	10000	10000	35	9950	9950	30	9980	9980	38

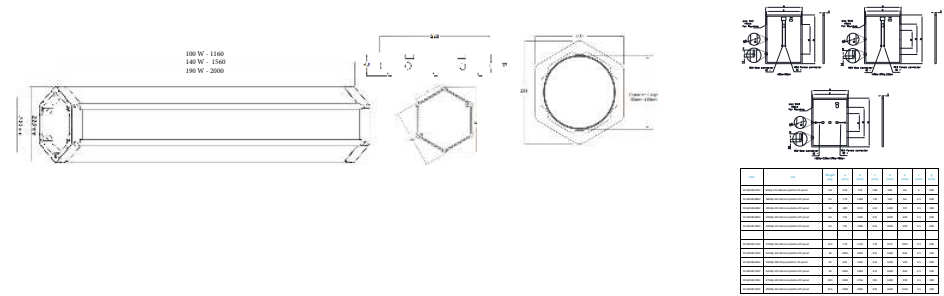
Solar Panel Sub System

Dimensional drawing



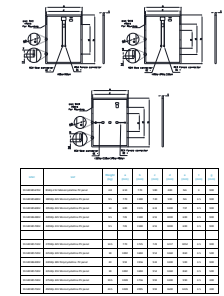
Solar Panel Sub System

Dimensional drawing



Operating and Electrical

Order Code	Full Product Name	Cable connection kit	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
32335499	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
911401862802	220Wp 42V Monocrystalline PV panel	-	220 W	Mono crystalline	42 V
50749400	140Wp Vertical Panel Subsystem Vmpp 18V	Included	140 W	Mono crystalline	18 V
50748700	140Wp Vertical Panel Subsystem Vmpp 36V	Included	140 W	Mono crystalline	36 V



Order Code	Full Product Name	Cable connection kit	Panel peak wattage	Panel type	Panel voltage
50746300	200Wp Vertical Panel Subsystem Vmpp 36V	Included	190 W	Mono crystalline	36 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
911401857302	335Wp 35V Monocrystalline PV panel	-	335 W	Mono crystalline	35 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	Ingress protection code	Overall height	Overall length	Overall width
911401857102	270Wp 42V Monocrystalline PV panel	-	3.5 mm	1,725 mm	770 mm

Order Code	Full Product Name	Ingress protection code	Overall height	Overall length	Overall width
911401857402	375Wp 34V Monocrystalline PV panel	-	3.5 mm	1,756 mm	1,039 mm

Solar Panel Sub System

Order Code	Full Product Name	Ingress protection code	Overall height	Overall length	Overall width
32335499	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
911401862802	220Wp 42V Monocrystalline PV panel	-	3.5 mm	1,580 mm	705 mm
50749400	140Wp Vertical Panel Subsystem Vmpp 18V	IP65	1,560 mm	228 mm	220 mm
50748700	140Wp Vertical Panel Subsystem Vmpp 36V	IP65	1,560 mm	228 mm	220 mm
50746300	200Wp Vertical Panel Subsystem Vmpp 36V	IP65	2,000 mm	228 mm	220 mm

Order Code	Full Product Name	Ingress protection code	Overall height	Overall length	Overall width
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
911401857302	335Wp 35V Monocrystalline PV panel	-	3.5 mm	1,684 mm	1,002 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

Approval and Application

Order Code	Full Product Name	Ambient temperature range
911401857102	270Wp 42V Monocrystalline PV panel	-40 °C to 85 °C
911401857402	375Wp 34V Monocrystalline PV panel	-40 °C to 85 °C
32335499	450Wp 41V Monocrystalline PV panel	-40 °C to 85 °C
911401862002	330Wp 38V Polycrystalline PV panel	-40 °C to 85 °C
911401857202	325Wp 34V Monocrystalline PV panel	-40 °C to 85 °C
911401862802	220Wp 42V Monocrystalline PV panel	-40 °C to 85 °C
50749400	140Wp Vertical Panel Subsystem Vmpp 18V	-40 to +85 °C
50748700	140Wp Vertical Panel Subsystem Vmpp 36V	-40 to +85 °C

Order Code	Full Product Name	Ambient temperature range
50746300	200Wp Vertical Panel Subsystem Vmpp 36V	-40 to +85 °C
911401856802	180Wp 42V Monocrystalline PV panel	-40 °C to 85 °C
911401857002	220Wp 21V Monocrystalline PV panel	-40 °C to 85 °C
911401857302	335Wp 35V Monocrystalline PV panel	-40 °C to 85 °C
911401856902	195Wp 41V Monocrystalline PV panel	-40 °C to 85 °C
911401856702	85Wp 21V Monocrystalline PV panel	-40 °C to 85 °C

