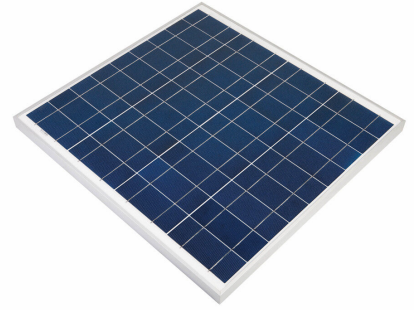




Solar Panels for Philips Solar Lighting.

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

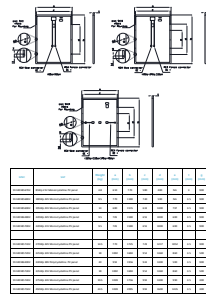
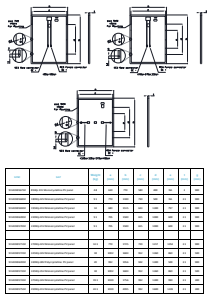
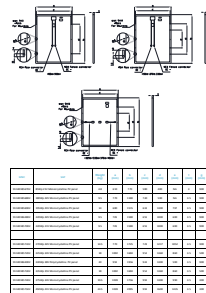
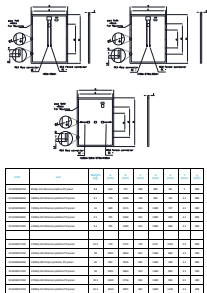
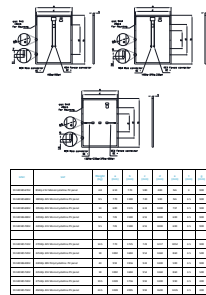
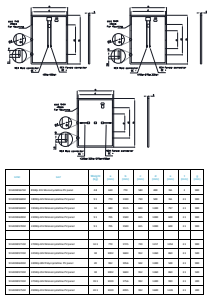
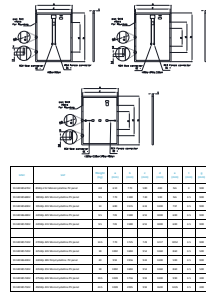
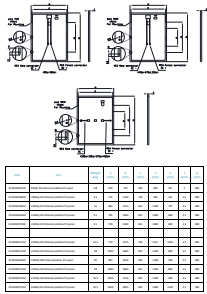
- Connectors with excellent aging resistance and UV endurance, for harsh environment operations.
- Environmentally sealed to IP67
- Ambient temperature range : -40~+85。 C
- Simple crimp-and-poke application
- Tactile and audible mating feedback

Application

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

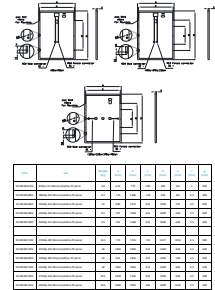
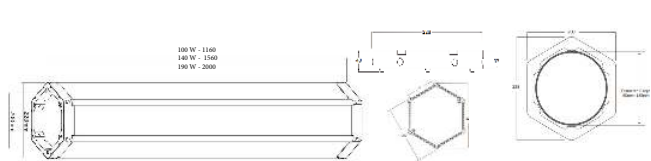
Solar Panel Sub System

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
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
911401862802	220Wp 42V Monocrystalline PV panel	-	220 W	Mono crystalline	42 V
911401821902	140Wp Vertical Panel Subsystem Vmpp 18V	Included	140 W	Mono crystalline	18 V
911401822002	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
911401822202	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
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
911401862802	220Wp 42V Monocrystalline PV panel	-	3.5 mm	1,580 mm	705 mm
911401821902	140Wp Vertical Panel Subsystem Vmpp 18V	IP65	1,560 mm	228 mm	220 mm
911401822002	140Wp Vertical Panel Subsystem Vmpp 36V	IP65	1,560 mm	228 mm	220 mm
911401822202	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
911401857502	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
911401821902	140Wp Vertical Panel Subsystem Vmpp 18V	-40 to +85 °C
911401822002	140Wp Vertical Panel Subsystem Vmpp 36V	-40 to +85 °C

Order Code	Full Product Name	Ambient temperature range
911401822202	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

