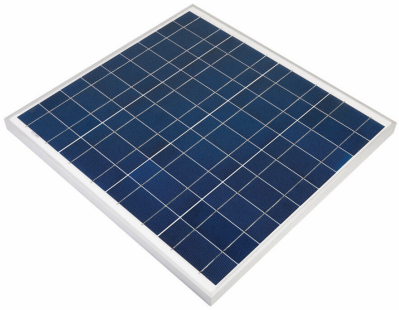


Solar Panels for Philips Solar Lighting.

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

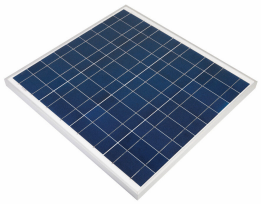
Application

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

Solar Panel Sub System

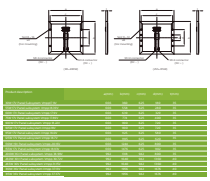
Versions

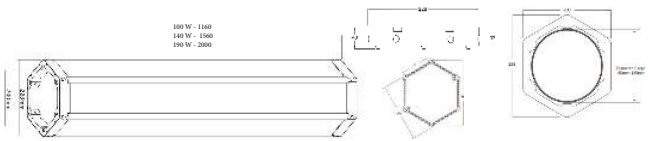
Cylindrical Vertical Solar Panel



90W 18V Panel subsystem

Dimensional drawing





Operating and Electrical	
Cable connection kit	Included
Temperature	
Ambient temperature range	-40 to +85 °C

Operating and Electrical

Order Code	Full Product Name	Panel peak wattage	Panel type	Panel voltage
911401803102	60W 17V Panel subsystem Vmpp 17.9V	60 W	Poly crystalline	17 V
911401803302	75W 17V Panel subsystem Vmpp 17.89V	75 W	Poly crystalline	17 V
911401803502	125W 17V Panel subsystem Vmpp 18.7V	125 W	Poly crystalline	17 V
911401803702	100W 17V Panel subsystem Vmpp 18.22V	100 W	Poly crystalline	17 V
911401803802	105W 17V Panel subsystem Vmpp 18V	105 W	Poly crystalline	17 V
911401803902	155W 17V Panel subsystem Vmpp 18.93V	155 W	Poly crystalline	17 V
911401804002	130W 19V Panel subsystem Vmpp 20.16V	130 W	Poly crystalline	19 V

Order Code	Full Product Name	Panel peak wattage	Panel type	Panel voltage
911401804402	315W 36V Panel subsystem Vmpp 37.37V	315 W	Poly crystalline	36 V
911401804502	310W 36V Panel subsystem Vmpp 37.13V	310 W	Poly crystalline	36 V
911401821902	140Wp Vertical Panel Subsystem Vmpp 18V	140 W	Mono crystalline	18 V
911401822002	140Wp Vertical Panel Subsystem Vmpp 36V	140 W	Mono crystalline	36 V
911401822102	200Wp Vertical Panel Subsystem Vmpp 18V	190 W	Mono crystalline	18 V
911401822202	200Wp Vertical Panel Subsystem Vmpp 36V	190 W	Mono crystalline	36 V

Solar Panel Sub System

Order Code	Full Product Name	Panel peak wattage	Panel type	Panel voltage
911401893501	200W 36V Panel subsystem Vmpp 38.99V	200 W	Poly crystalline	36 V

Mechanical and Housing

Order Code	Full Product Name	Overall height	Overall length	Overall width
911401803102	60W 17V Panel subsystem Vmpp 17.9V	35 mm	639 mm	666 mm
911401803302	75W 17V Panel subsystem Vmpp 17.89V	35 mm	774 mm	666 mm
911401803502	125W 17V Panel subsystem Vmpp 18.7V	35 mm	1,195 mm	666 mm
911401803702	100W 17V Panel subsystem Vmpp 18.22V	35 mm	990 mm	666 mm
911401803802	105W 17V Panel subsystem Vmpp 18V	35 mm	990 mm	666 mm
911401803902	155W 17V Panel subsystem Vmpp 18.93V	35 mm	1,476 mm	666 mm
911401804002	130W 19V Panel subsystem Vmpp 20.16V	35 mm	1,244 mm	666 mm

Order Code	Full Product Name	Overall height	Overall length	Overall width
911401804402	315W 36V Panel subsystem Vmpp 37.37V	40 mm	1,956 mm	992 mm
911401804502	310W 36V Panel subsystem Vmpp 37.13V	40 mm	1,956 mm	992 mm
911401821902	140Wp Vertical Panel Subsystem Vmpp 18V	1,560 mm	228 mm	220 mm
911401822002	140Wp Vertical Panel Subsystem Vmpp 36V	1,560 mm	228 mm	220 mm
911401822102	200Wp Vertical Panel Subsystem Vmpp 18V	2,000 mm	228 mm	220 mm
911401822202	200Wp Vertical Panel Subsystem Vmpp 36V	2,000 mm	228 mm	220 mm
911401893501	200W 36V Panel subsystem Vmpp 38.99V	40 mm	1,318 mm	992 mm

Approval and Application

Order Code	Full Product Name	Ingress protection code
911401803102	60W 17V Panel subsystem Vmpp 17.9V	IP67
911401803302	75W 17V Panel subsystem Vmpp 17.89V	IP67
911401803502	125W 17V Panel subsystem Vmpp 18.7V	IP67
911401803702	100W 17V Panel subsystem Vmpp 18.22V	IP67
911401803802	105W 17V Panel subsystem Vmpp 18V	IP67
911401803902	155W 17V Panel subsystem Vmpp 18.93V	IP67
911401804002	130W 19V Panel subsystem Vmpp 20.16V	IP67

Order Code	Full Product Name	Ingress protection code
911401804402	315W 36V Panel subsystem Vmpp 37.37V	IP67
911401804502	310W 36V Panel subsystem Vmpp 37.13V	IP67
911401821902	140Wp Vertical Panel Subsystem Vmpp 18V	IP65
911401822002	140Wp Vertical Panel Subsystem Vmpp 36V	IP65
911401822102	200Wp Vertical Panel Subsystem Vmpp 18V	IP65
911401822202	200Wp Vertical Panel Subsystem Vmpp 36V	IP65
911401893501	200W 36V Panel subsystem Vmpp 38.99V	IP67

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