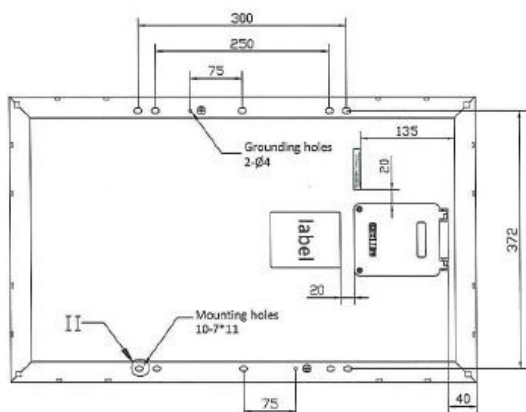
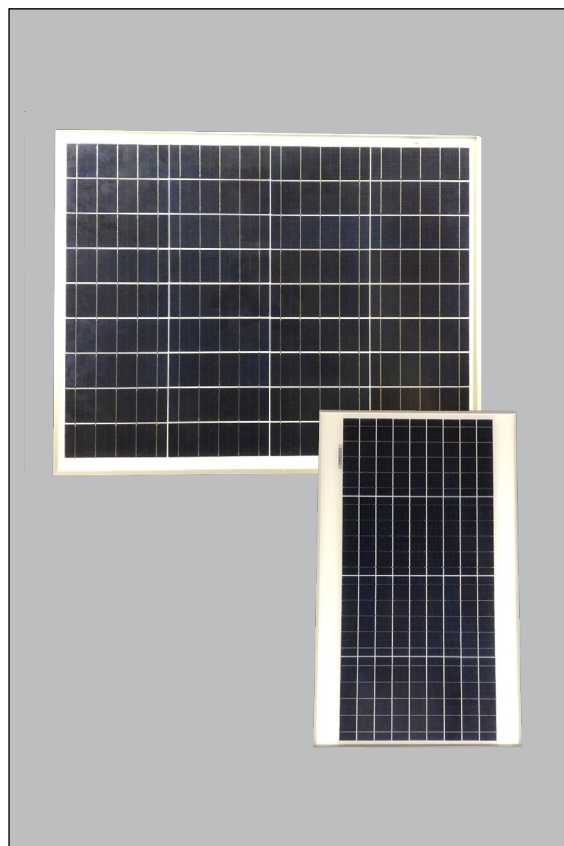


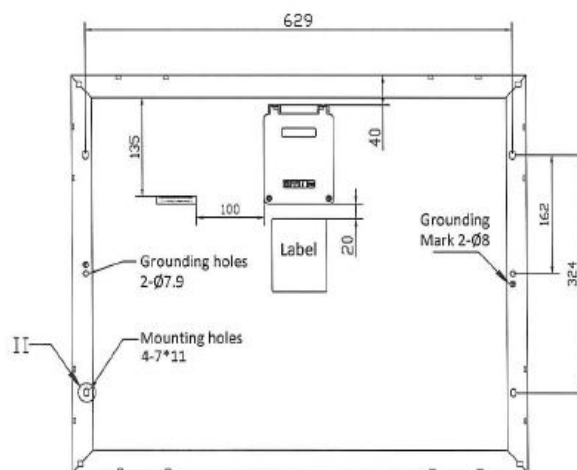
Solar Modules (30W - 50W / 12V)

High quality modules for industrial applications in hazardous locations. Top-quality performance for all solar electric power applications such as monitoring and control, security, telecom, communications, and general battery charging. Up to (2) bypass diodes protect against hot-spot damage during partial shading. Junction box has (4)-1/2" conduit knockouts and features installed MC4 cables and features UL-1703 and CE certifications.

SWPB Part #	020207	020208
Rated Power (Watts)	30W	50W
Voc Open Circuit Voltage (Volts)	22.5	22.45
Isc Short Circuit Current (Amps)	1.71	2.85
Vmp Rated Voltage (Volts)	18.65	18.73
Imp Rated Current (Amps)	1.61	2.67
Max System Voltage (VDC)	600	600
Series Fuse Rating (Amps)	15	15
Dimensions and Weights		
Module Size (l x w) inches	26.37 x 16.22	26.37 x 21.26
Module Size (l x w) mm	670 x 412	670 x 540
Weight (lb / kg)	7.9 / 3.6	9.9 / 4.5
Electrical / Thermal Parameters		
Voltage Temperature coefficient (Voc)	-0.31%/°C	
Current Temperature coefficient (Isc)	0.05%/°C	
Power Temperature coefficient (Pmax)	-0.36%/°C	
Peak Power Tolerance	+/-3%	
Certifications & Standards		
UL 1703, ULC/ORD - C1703-01		
Warranty		
5 years on material, 10 years on performance, 20 years on performance (pro-rated based on degradation)		



(Module 020207)



(Module 020208)

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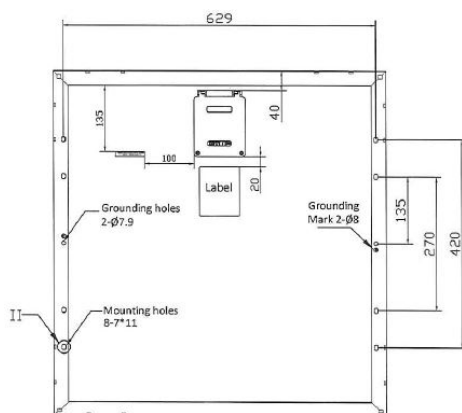
Headquarters
30893 Ehlen Dr Sw
Albany, OR 97321
(866) 827-6527



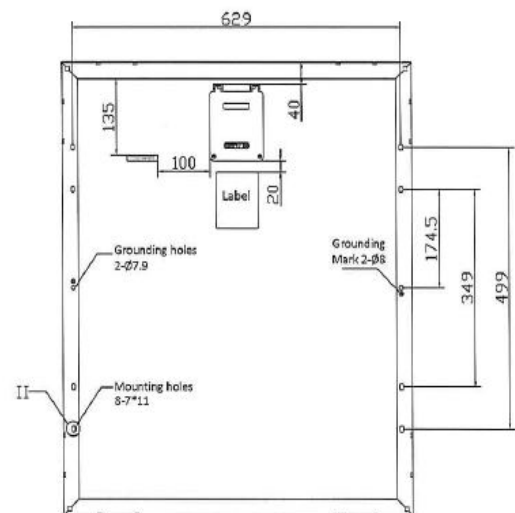
Solar Modules (65W - 80W / 12V)

High quality solar modules for industrial applications. Top-quality performance for all solar electric power applications such as monitoring and control, security, instrumentation, communications, and general battery charging. Two (2) bypass diodes protect against hot-spot damage during partial shading. Junction box has (4)-1/2" conduit knockouts and features installed MC4 cables and UL-1703 and CE certifications.

SWPB Part #	020209	020210
Rated Power (Watts)	65W	80W
Voc Open Circuit Voltage (Volts)	22.79	22.75
Isc Short Circuit Current (Amps)	3.62	4.45
Vmp Rated Voltage (Volts)	19.12	19.15
Imp Rated Current (Amps)	3.4	4.18
Max System Voltage (VDC)	600V	600V
Series Fuse Rating (Amps)	15	15
Dimensions and Weights		
Module Size (l x w) inches	26.37 x 27.56	26.37 x 31.99
Module Size (l x w) mm	670 x 700	670 x 800
Weight (lb / kg)	12.1 / 5.5	15.4 / 7.0
Electrical / Thermal Parameters		
Voltage Temperature coefficient (Voc)	-0.31%/°C	
Current Temperature coefficient (Isc)	0.05%/°C	
Power Temperature coefficient (Pmax)	-0.36%/°C	
Peak Power Tolerance	+/-3%	
Certifications & Standards		
UL 1703, ULC/ORD - C1703-01		
Warranty		
5 years on material, 10 years on performance, 20 years on performance (pro-rated based on degradation)		



(Module 020209)



(Module 020210)

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