

# Solar Panels



## Features

- ▶ Most include mounting hardware allowing a great variety of attachment methods and mounting surfaces
- ▶ Mountable on a horizontal or vertical surface, surfaces at angles between horizontal & vertical & on metal/wood poles
- ▶ Attachment methods include bolts, lag bolts, U-bolt brackets & stainless steel hose clamps.



## SPECIFICATIONS

*Subject to change without notice*

Parameters	2 Watt Panel	5 Watt Panel	10 Watt Panel	20 Watt Panel	30 Watt Panel	50 Watt Panel
Typical Peak Power	2.5 Watts	5 W	10 Watts	20 Watts	30 Watts	50 Watts
Voltage at Peak Power	17.0 V	17.0 V	17.1 VDC	17.1 VDC	18.0 VDC	17.2 VDC
Current at Peak Power	.15 A	.30 A	0.58 A	1.17 A	1.67 A	3.08 A
Minimum Peak Power	1.8 Watts	4.8 Watts	9 Watts	20 Watts	29 Watts	45 Watts
Short-Circuit Current	.17 A	.33 A	0.6 A	1.27 A	1.80 A	3.33 A
Open-Circuit Voltage	21.0 V	21.0 V	21.1 VDC	20.8 VDC	22.1 V	21.3 VDC
Wind Load	> 125 mph	> 125 mph	> 125 mph	> 125 mph	> 125 mph	> 125 mph
Impact Reliability	Surface of each solar panel listed in this table withstands impact of one inch nail at terminal velocity of 52 mph without breaking.					
Dimensions						
Length	9.38 in. (23.9 cm.)	9.75 in. (24.8 cm.)	16.54 in. (42 cm.)	16.63 in. (42.24 cm.)	26.2 in. (66.6 cm.)	36.73 in. (93.3 cm.)
Height	6.13 in. (16.6 cm.)	9.38 in. (23.9 cm.)	10.59 in. (26.89 cm.)	19.75 in. (50.16 cm.)	16.2 in. (41.2 cm.)	19.72 in. (50 cm.)
Width	.63 in. (1.6 cm.)	1.31 in. (3.33 cm.)	0.89 in. (2.26 cm.)	1.97 in. (5 cm.)	1.31 in. (3.33 cm.)	0.89 in. (2.26 cm.)
Weight	1.35 lbs. (.62 kg.)	1.88 lbs. (.86 kg.)	3.3 lbs. (1.5 kg.)	6.5 lbs. (2.95 kg.)	8.6 lbs. (3.9 kg.)	12 lbs. (5.5 kg.)

### SOLAR PANEL ORDERING

### ACCESSORIES ORDERING

3911-1050	5 Watt Solar Panel, 15ft Cable	2271-1037	5 Watt Solar Panel Mounting Bracket
3911-1037	10 Watt Solar Panel, 15ft Cable	2271-1036	10/20/30 Watt Solar Panel Mounting Bracket
5100-0400-1	10 Watt Solar Panel, 15ft cable, includes mount 2271-1036	2271-1036	10/20/30 Watt Solar Panel Mounting Bracket
5100-0410-1	20 Watt Solar Panel, 15ft Cable, includes mount 2271-1036	2271-1036	10/20/30 Watt Solar Panel Mounting Bracket
5100-0410-2	30 Watt Solar Panel, 15ft Cable, includes mount 2271-1036	2271-1036	10/20/30 Watt Solar Panel Mounting Bracket
5100-0406	50 Watt Solar Panel, does not include mount/cable	2271-1049	50 Watt Solar Panel Mounting Bracket
*Other solar panel sizes available upon request (ie., 75 & 120 Watt)		6411-1017-3	Cable Assy, Solar Panel, 18 ft.
		5100-0407	Solar Panel Regulator, 4 amp
		5100-0408	Solar Panel Regulator, 8 amp



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