

## SunWize offers a wide variety of mounting options

Some customers fabricate their own mounts from wood or scrap metal. However, for those who desire documented quality control, SunWize provides a range of alternatives. They include roof mounts, ground mounts, pole modules (both side-of-pole and top-of-pole), rail mounts (as in offshore oil rig rails...or porch rails) as well as tracking mounts. Which mounts to choose depends upon the specific application and customer preferences. Details such as site conditions (e.g. shade, terrain, annual snowfall), size of the array, and structural considerations determine what products to select.

Once you determine what type of mount, the next question is with what material? Mounts can be fabricated from milled aluminum (the most popular), anodized aluminum (for applications in highly corrosive climates such as marine environments), painted steel, galvanized steel, or some combination such as a stainless steel pole collar with milled aluminum module rails.

Mounts are available as fixed racks or as trackers. Fixed racks are stationary. Trackers follow the movement of the sun in order to improve module output for applications requiring the highest efficiency such as water pumping. There are pros and cons to the tracking methodology. As with every aspect of your system, it is best to seek the advice of your SunWize dealer.



SW Adjustable SOP Mount

MSRP	
950UNI1LRGKITB	\$59.00
950UNI1MEDKITB	\$55.00
950UNI1SMLKITB	\$48.00
950UNI1US11	\$48.00

## SunWize®

### Universal Side-of-Pole Mount – One Module, Adjustable

Single module side-of-pole mounts are made of 1/8" brushed aluminum and features a module clamping method that eliminates any need to drill additional holes. Mounts consist of a pole saddle bracket and a 0 to 90-degree adjustable mounting arm with tilt indicators. Clamps and bracket include captive stainless nuts for easy assembly, stainless bolts and two stainless band clamps adjustable from 2" to 4" OD poles.

#### Number of Modules: 1

Module Type	Part #	Module Type	Part #
AstroPower AP50	950UNI1LRGKITB	SunWize OEM10	950UNI1MEDKITB
Shell Solar ST5/ST10	950UNI1SMLKITB	SunWize OEM20	950UNI1MEDKITB
Shell Solar ST20/ST40	950UNI1SMLKITB	SunWize OEM40	950UNI1MEDKITB
Shell Solar SM50/55	950UNI1SMLKITB	Uni-Solar US11	950UNI1US11
Shell Solar SP75	950UNI1LRGKITB	Uni-Solar US21	950UNI1MEDKITB
SunWize OEM5	950UNI1SMLKITB	Uni-Solar US32	950UNI1MEDKITB



SW OEM 5 SOP Mount

### SunWize OEM Module 45° Angle Side-of-Pole Mounts – One Module

11 gauge aluminum mounts are fixed at 45 degrees. Mounting brackets with slotted pattern allows for U-bolt attachment to poles from 2" to 4" diameter, and can also be wall or roof mounted. The small mount includes 2" pipe U-bolt, the larger mount includes two stainless band clamps for 2-4" diameter.

#### Number of Modules: 1

Module Type	Part #	MSRP
Uni-Solar US3/5	950SW5/10MTASSY	\$23.00
Shell Solar ST5/10	950SW5/10MTASSY	\$23.00
SunWize OEM5	950SW5/10MTASSY	\$23.00
SunWize OEM20/40	950UNILRGOEM-A	\$46.00



SW OEM 5 SOP Mount detail



SW OEM 20/40 SOP Mount





SW Universal Support Structure

## SunWize®

### Universal Roof/Ground Mount Support Structures

SunWize Universal roof/ground mount module support structures are engineered to endure the harshest environments. They feature a continuous slotted pattern on heavy gauge brushed aluminum channel supporting members. Three rail sizes, 96-1/4", 104-1/2" and 118-1/2" long, allow mounting of any large-framed solar module without the need to drill additional holes, including solar modules by other manufacturers not listed in table below. Simply divide the rail length by the width (inches) of the module to determine how many will fit. All can ship UPS (add 'U' suffix to 118" model).

Flush mount structures (**USF**) include four mounting feet and all stainless steel fasteners. Adjustable tilt models (**USA**) incorporate additional dual-telescoping support legs, infinitely adjustable from 25 to 55 degrees. Our unique captive bolt design in the tilt leg allows for one-handed angle adjustment.

Flush Mounts	MSRP
950SWUSF-96	\$139.00
950SWUSF-104	\$159.00
950SWUSF-118	\$189.00
950SWUSF-118u	\$199.00
<b><u>SY versions</u></b>	
950SWUSF-118(SY)	\$189.00
950SWUSF-118u(SY)	\$199.00

Adj. Mounts	MSRP
950SWUSA-96	\$239.00
950SWUSA-104	\$259.00
950SWUSA-118	\$289.00
950SWUSA-118u	\$299.00
<b><u>SY versions</u></b>	
950SWUSA-118(SY)	\$289.00
950SWUSA-118u(SY)	\$299.00

FLUSH MOUNTS				
# of Modules	3	4	5	
Module Type				
AstroPower AP110/120	950SWUSF-96	950SWUSF-104		
AstroPower APx130/140	950SWUSF-118			
Sanyo 167/180	950SWUSF-118 (SY)			
Sharp 123	950SWUSF-96	950SWUSF-104		
Sharp 165/185	950SWUSF-104			
Shell Solar SP70/75		950SWUSF-96	950SWUSF-104	
Shell Solar SM110	950SWUSF-96	950SWUSF-104		
Shell Solar SP140/150	950SWUSF-96			
SunWize SW85/90		950SWUSF-96	950SWUSF-118	
SunWize SW100/115/120	950SWUSF-96	950SWUSF-104		
UniSolar US42/64	950SWUSF-96	950SWUSF-118		
ADJUSTABLE MODELS				
# of Modules	3	4	5	
Module Type				
AstroPower AP110/120	950SWUSA-96	950SWUSA-104		
AstroPower APx130/140	950SWUSA-118			
Sanyo 167/180	950SWUSA-118 (SY)			
Sharp 123	950SWUSA-96	950SWUSA-104		
Sharp 165/185	950SWUSA-104			
Shell Solar SP70/75		950SWUSA-96	950SWUSA-104	
Shell Solar SM110	950SWUSA-96	950SWUSA-104		
Shell Solar SP140/150	950SWUSA-96			
SunWize SW85/90		950SWUSA-96	950SWUSA-118	
SunWize SW100/115/120	950SWUSA-96	950SWUSA-104		
UniSolar US42/64	950SWUSA-96	950SWUSA-118		



SunWize Flush Mount Kits

## Universal Single-Module Flush Mount Kits

Aluminum flush mount kits include four "Z" brackets and four stainless steel bolts. Fits all modules.

Model	Weight	MSRP
Flush Mount Kits	0.5 lbs	\$6.00