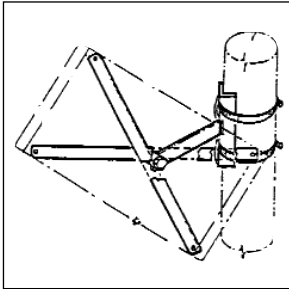


Module Mounts



Side-of-Pole Racks

*Mounts are available for other module types.

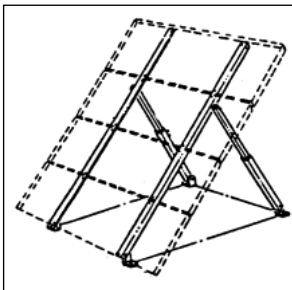
Side-of-Pole Mounts are mounted to the pole with either hose clamps or U-bolts (not provided). The racks accommodate different sized poles and are adjustable for optimal sun angle from 15° to 65° in 10-degree increments. Pole size is determined by the number of modules to be mounted. Stainless steel module mounting hardware is included. Anchor bolts and poles are not included. Standard racks are available in both painted steel and mill-finish aluminum. For harsh environments racks are available in galvanized steel and anodized aluminum.

Available finishes are: Mill Aluminum (**MA**), Anodized Aluminum (**AA**), Hot-Dip Galvanized Steel (**GS**) and Painted Steel (**PS**).

All mounts come with adjustable band clamps for 3" to 5" poles.

Number of modules	SIEMENS MODULES					
	ST20	ST10/ST5	ST40/SM46-SM55	SP75/SP70	SM100/110	SP130/140/150
1	SWSPMST201	—	SWSPMSM551	SWSPMSP751	SWSPMSM1001	SWSPMSP1301
2	SWSPMST202	SWSPMST102	SWSPMSM552	SWSPMSP752	SWSPMSM1002	—
3	—	—	SWSPMSM553	SWSPMSP753	—	—
4	—	—	SWSPMSM554	SWSPMSP754	—	—

Number of modules	UNI-SOLAR MODULES			ASTROPOWER MODULES		
	US32	US42	US64	AP50	AP75	AP110/120
1	SWSPMUS321	SWSPMUS421	SWSPMUS641	SWSPMAP501	SWSPMAP751	SWSPMAP1101
2	SWSPMUS322	SWSPMUS422	SWSPMUS642	SWSPMAP502	SWSPMAP752	SWSPMAP1102
3	—	—	—	SWSPMAP503	SWSPMAP753	SWSPMAP1103
4	—	—	—	SWSPMAP504	SWSPMAP754	—



Roof/Ground Mount

Roof/Ground Mounts resemble an "A" frame and accommodate from 1 to 12 modules. The mounts are perfect for ground, roof and vertical surfaces. Racks with telescoping back legs are adjustable from 15 to 65 degrees in 10-degree increments. Racks with one piece have adjustable points at 30, 45 and 60 degrees. All racks are designed to withstand 30-lb/ft² windload. Stainless steel module mounting hardware is provided. Anchor bolts are not included. Standard racks are mill-finish aluminum. For harsh environments, racks are available in anodized aluminum.

Available finishes are:
Mill Aluminum (**MA**),
Painted Steel (**PS**) and
Anodized Aluminum (**AA**).

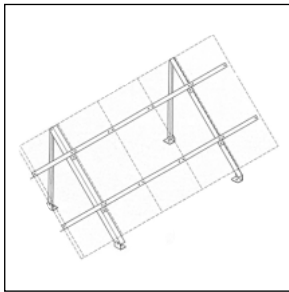
You must specify which
leg you prefer:

TL— for telescoping leg or
OPL— for a one-piece leg.

Number of Modules	SIEMENS MODULES			
	SM55/SM50-H/SM46/ST40	SP75/SP70	SM100/110	SP130/140/150
1	SWRGM551	SWRGMSP751	SWRGM551001	SWRGMSP1301
2	SWRGM552	SWRGMSP752	SWRGM551002	SWRGMSP1302
3	SWRGM553	SWRGMSP753	SWRGM551003	SWRGMSP1303
4	SWRGM554	SWRGMSP754	SWRGM551004	SWRGMSP1304
5	SWRGM555	SWRGMSP755	—	—
6	SWRGM556	SWRGMSP756	—	—
8	SWRGM558	—	—	—

Number of modules	UNI-SOLAR MODULES			ASTROPOWER MODULES		
	US32	US42	US64	AP50	AP75	AP110/120
1	SWRGMUS321	SWRGMUS421	SWRGMUS641	SWRGMAP501	SWRGMAP751	SWRGMAP1101
2	SWRGMUS322	SWRGMUS422	SWRGMUS642	SWRGMAP502	SWRGMAP752	SWRGMAP1102
3	SWRGMUS323	SWRGMUS423	SWRGMUS643	SWRGMAP503	SWRGMAP752	SWRGMAP1103
4	SWRGMUS324	SWRGMUS424	SWRGMUS644	SWRGMAP504	SWRGMAP754	SWRGMAP1104
5	—	—	—	—	SWRGMAP755	SWRGMAP1105

Module Mounts

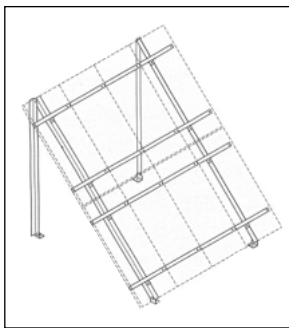


Low-Profile Roof/Ground Mount

The module length is vertical and modules are mounted side by side. Standard finish is Mill Aluminum. Optional finishes are: Painted Steel (**PS**) and Anodized Aluminum (**AA**).
You must specify which leg you prefer: **TL**– for telescoping leg or **OPL**– for a one-piece leg.

Number of modules	SIEMENS MODULES			
	SM55/SM50-H/SM46/ST40	SP75/SP70	SM100/110	SP130/140/150
4	SWLPRGMSM554	SWLPRGMSP754	SWLPRGMSM1004	SWLPRGMSP1304
6	SWLPRGMSM556	SWLPRGMSP756	SWLPRGMSM1006	—
8	SWLPRGMSM558	—	—	—

Number of modules	UNI-SOLAR MODULES		ASTROPOWER MODULES		
	US42	US64	AP50	AP75	AP110/120
4	SWLPRGMUS424	SWLPRGMUS644	SWLPRGMAP504	SWLPRGMAP754	SWLPRGMAP1104
6	SWLPRGMUS426	SWLPRGMUS646	SWLPRGMAP506	SWLPRGMAP756	SWLPRGMAP1106
8	—	—	—	SWLPRGMAP758	SWLPRGMAP1108



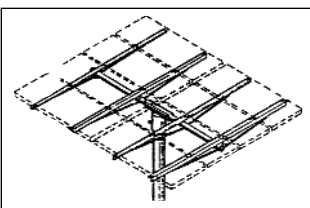
Two-Tier Roof/Ground Mount

Two rows of modules with module length vertical. Standard finish is Mill Aluminum. Optional finishes are: Painted Steel (**PS**) and Anodized Aluminum (**AA**).

Number of modules	SIEMENS MODULES			
	SM55/SM50-H/SM46/ST40	SP75/SP70	SM100/110	SP130/140/150
6	SWTTRGMSM556	SWTTRGMSP756	SWTTRGMSM1006	SWTTRGMSP1306
8	SWTTRGMSM558	SWTTRGMSP758	SWTTRGMSM1008	—
10	SWTTRGMSM5510	SWTTRGMSP7510	—	—
12	SWTTRGMSM5512	—	—	—

You must specify which leg you prefer:
TL– for telescoping leg or **OPL**– for a one piece leg—at tilt

Number of modules	UNI-SOLAR MODULES	ASTROPOWER MODULES		
	US64	AP50	AP75	AP110/120
6	SWTTRGMUS646	SWTTRGMAP506	SWTTRGMAP756	SWTTRGMAP1106
8	—	SWTTRGMAP508	SWTTRGMAP758	SWTTRGMAP1108
10	—	SWTTRGMAP5010	SWTTRGMAP7510	SWTTRGMAP11010
12	—	—	SWTTRGMAP7512	—



Top-Of-Pole Racks

Top-of-Pole Mounts are designed with a collar ready to be mounted on a pole. The racks accommodate different size poles and are adjustable for optimal sun angle from 15° to 65° in 10-degree increments. They can be rotated on the pole for manual tracking. Stainless steel module mounting hardware is included. Anchor bolts and poles are not included. Standard racks are mill-finish aluminum. Mounts are available in galvanized steel and anodized aluminum. Optional finishes are: Galvanized Steel (**GS**) and Anodized Aluminum (**AA**).

# of Modules	SIEMENS MODULES							
	SM55/SM50-H/SM46 ST40/ST20	POLE SIZE	SP75/70	POLE SIZE	SM100/110	POLE SIZE	SP130/140/150	POLE SIZE
1	SWTPMSM551	2"	SWTPMSP751	2"	SWTPMSM1001	2"	SWTPMSP1301	2"
2	SWTPMSM552	2"	SWTPMSP752	2"	SWTPMSM1002	2.5"	SWTPMSP1302	3"
3	SWTPMSM553	2"	SWTPMSP753	2.5"	SWTPMSM1003	3"	—	—
4	SWTPMSM554	2.5"	SWTPMSP754	3"	SWTPMSM1004	4"	SWTPMSP1304	4"
5	SWTPMSM555	3"	—	—	—	—	—	—
6	SWTPMSM556	3"	SWTPMSP756	4"	SWTPMSM1006	4"	SWTPMSP1306	6"
8	SWTPMSM558	4"	SWTPMSP758	4"	SWTPMSM1008	6"	SWTPMSP1308	6"
10	SWTPMSM5510	4"	SWTPMSP7510	6"	SWTPMSM10010	6"	SWTPMSP13010	6"
12	SWTPMSM5512	4"	SWTPMSP7512	6"	SWTPMSM10012	6"	—	—
14	SWTPMSM5514	4"	SWTPMSP7514	6"	—	—	—	—
16	SWTPMSM5516	6"	SWTPMSP7516	6"	—	—	—	—

Module Mounts

Top-Of-Pole Racks *continued*

*Mounts are available for other module types.

# of Modules	UNI-SOLAR MODULES						ASTROPOWER MODULES					
	US32	Pole Size	US42	Pole Size	US64	Pole Size	AP50	Pole Size	AP75	Pole Size	AP110/AP120	Pole Size
1	SWTPMUS321	2"	SWTPMUS421	2"	SWTPMUS641	2"	SWTPMAP501	2"	SWTPMAP751	2"	SWTPMAP1101	2"
2	SWTPMUS322	2"	SWTPMUS422	2"	SWTPMUS642	2.5"	SWTPMAP502	2"	SWTPMAP752	2"	SWTPMAP1102	2.5"
3	SWTPMUS323	2"	_____	_____	_____	_____	SWTPMAP503	2.5"	SWTPMAP753	2.5"	SWTPMAP1103	3"
4	SWTPMUS324	2.5"	SWTPMUS424	3"	SWTPMUS644	3"	SWTPMAP504	3"	SWTPMAP754	3"	SWTPMAP1104	4"
6	SWTPMUS326	4"	SWTPMUS426	6"	SWTPMUS646	6"	SWTPMAP506	3"	SWTPMAP756	4"	SWTPMAP1106	4"
8	_____	_____	_____	_____	SWTPMUS648	6"	SWTPMAP508	4"	SWTPMAP758	4"	SWTPMAP1108	6"
10	_____	_____	_____	_____	_____	_____	_____	_____	SWTPMAP7510	6"	SWTPMAP11010	6"
12	_____	_____	_____	_____	_____	_____	_____	_____	SWTPMAP7512	6"	SWTPMAP11012	6"

Universal Single-Module Flush Mount Kits

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

Model	Weight	SW Part Number
Flush Mount Kits	0.5 lbs	951UNIRUMTGFEET