

SOLARMOUNT

Tilt Leg Sizing Chart & Price List

Sizing Chart: Tilt angles for high profile legs

In high profile arrays, tilt angles depends on leg and rail lengths.

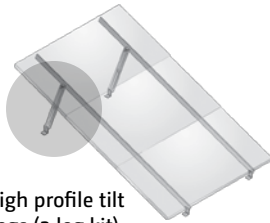
Rail length (inches)	Leg kit model number			Rail length (inches)	Leg kit model number		
	310107	310108	310109		310110	310111	310112
48	9-21°	30-60°		120	26-60°	5-12°	16-47°
60	7-17°	24-60°	37-60°	132	24-60°	5-11°	15-42°
72	6-14°	19-54°	31-60°	144	22-60°	4-10°	13-38°
84	5-12°	17-46°	26-60°	156	20-60°	4- 9°	12-35°
96	4-10°	14-40°	23-60°	168	18-55°	4- 9°	11-33°
106	4- 9°	13-36°	21-60°	180	17-51°	3- 8°	11-30°

Price List: High profile tilt legs (2 leg kit)

Each kit contains two square tubes, two strut inserts, and fasteners for use with SolarMount rail kits (pp. 13-14).

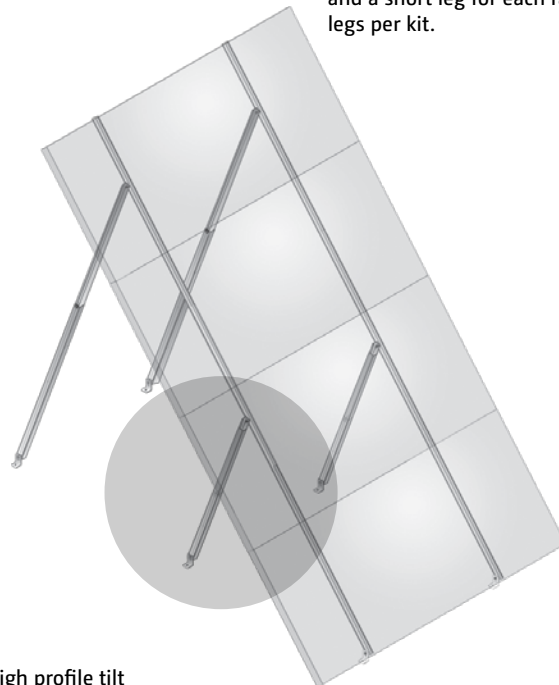
Part no.	Maximum leg extension (inches)	Nom. shipping data		List price
		inches	lbs	
310107	12	10 x 2 x 4	3	\$54.00
310108	44	26 x 2 x 4	7	82.00
310109	72	40 x 2 x 4	10	108.00

Rails 120 to 180 inches long require leg kits with a long and a short leg for each rail, 4 legs per kit.



High profile tilt legs (2 leg kit)

For rails 48 to 106 inches long, use leg kits with a single leg per rail, 2 legs per kit.



High profile tilt legs (4 leg kit)

Price List: High profile tilt legs (4 leg kit)

Part no.	Maximum leg extension (inches)	Nom. shipping data		List price
		inches	lbs	
310110	104	56 x 4 x 4	20	\$227.00
310111	18	13 x 4 x 4	7	101.00
310112	64	36 x 4 x 4	16	169.00

Sizing Chart: Tilt angles for low profile adjustable leg kits

In low profile arrays, tilt angles depend on leg length and module length. If ordering kits for use with SolarMount rail kits, no other items are required. If ordering for use with Pro-Pak rails, then L-feet must also be ordered.

Module make and model	Leg kit model number		
	310121	310122	310123
AEE			
AE80J*	15-19°	31-49°	45-60°
BP Solar			
BP365	16-20°	34-53°	49-60°
BP380, -485	15-20°	32-51°	47-60°
BP3125	11-14°	24-37°	34-56°
BP3150, -3160, -4175	11-14°	22-35°	32-53°
BPSX160B, -170B	11-13°	22-35°	32-53°
Evergreen			
EC102, -110, -115	12-15°	24-38°	35-58°
ES170RL, -180RL, -190RL	16-20°	34-53°	48-60°
GE Energy			
GEPV072, -085	15-19°	31-49°	45-60°
GEPV100, -110	21-27°	45-60°	60°
GEPVp130	13-16°	26-41°	38-60°
GEPV173	21-27°	45-60°	60°
GEPVp185†, -200†	12-16°	26-41°	38-60°
Isofoton			
I-100	17-21°	36-56°	51-60°
I-150S	17-21°	36-56°	51-60°
I-165	17-21°	36-56°	51-60°
Kaneka			
G-EA060†, G-SA060†	19-24°	40-60°	58-60°
Kyocera			
KC80, 80-01, 85T, 85TS	12 - 21°	33 - 60°	N/A
KC158G, 167G, 170GT, 175GT, KD180GXLP	10 - 16°	26 - 46°	38 - 72°
KC120-1, 125, 125G, 125GT, 130GT, 130TM, 187G, 190GT, 200GT	9 - 15°	23 - 42°	34 - 65°
KC130SX-MP, 135SX-MP, KD130GX-LP, 135GX-LP, KD205GX-LP, 210GXLP	7 - 14°	22 - 40°	33 - 60°
Mitsubishi			
PVMF110EC3†, -120EC3†	13-17°	27-43°	39-60°
PVMF125EA2LF, -130EA2LF	15-19°	31-50°	45-60°
PVMF165EB3	12-15°	26-40°	37-60°
Photowatt			
PW750, -1650	14-17°	29-45°	41-60°
Sanyo			
HIP-190BA3†, -195BA3†, -200BA3† HIP/HIT xxxDA3	14-18°	30-47°	42-60°
Schott Solar			
ASE300, -315, -330	15-19°	31-49°	44-60°
Sharp			
NE-80EJEA	14-18°	31-48°	44-60°
ND-L3EJEA (123w), -L5EIU (125w)	13-17°	28-44°	40-60°
ND-N2ECU	17-21°	36-56°	51-60°
ND-162U1, -162U1F, -167U3, -167U1F	17-21°	36-56°	51-60°

Module make and model	Leg kit model number		
	310121	310122	310123
NE-165U1†, NT-175U1†	12-15°	25-39°	36-59°
NE170U1, -175U1	15-19°	31-50°	45-60°
ND-200U1, -200U1F, -208U1, 208U1F	13-16°	27-42°	39-60°
SolarWorld (Shell)			
80P, 85P, SP75, SQ80	14-18°	30-47°	43-60°
65P, -PC; 75P, -PC; SQ165	12-15°	25-39°	36-60°
SW 230-SW245 mono	9-12°	20-33°	30-50°
SunPower			
SPR90, -95	17-21°	35-55°	50-60°
SPR200BLK, -210, -215BLK, -220	17-22°	37-58°	53-60°
Suntech			
STP060-12/Sb, STP085S	17-21°	35-56°	51-60°
STP110-12Tb; STP115-12Tc; STP120, -130, -140	10-13°	21-33°	30-49°
STP110-24Ab; STP175-24Ab1	9-12°	19-30°	28-45°
SunWize			
SW85, -90, -95	12-15°	25-40°	36-60°
SW100, -110, -115, -120	12-15°	25-40°	36-60°
SW155, -165	11-14°	23-36°	33-54°
UniSolar			
ES62T†	15-19°	31-49°	44-60°
US64	17-21°	35-56°	51-60°
Yingli			
YL80, -85†	16-20°	33-52°	48-60°

*Mount with bottom mounting clips only.

†In low profile tilt-up applications, mount with top mounting clamps only.

Sizing Chart: Quantity of low profile tilt legs required

The number of tilt legs required in a low profile array depends on the length of the mounting rails.

Rail length per row	Tilt legs required per row
48" to 106"	2
120" to 180"	3
192" to 216"	4
226" to 288"	5
300" to 336"	6
348" to 408"	7
420" to 432"	8

Price List: Low profile tilt legs (1 leg per kit)

Each low profile tilt leg kit contains one square tube and one strut insert, two L-feet, and stainless steel hardware for use with SolarMount rail kit.

Part no.	Maximum leg extension (inches)	Nom. shipping data		List price
		inches	lbs	
310121	12	10 x 3 x 3	2	\$38.00
310122	30	19 x 3 x 3	3	47.00
310123	44	26 x 3 x 3	4	55.00