



ASCE 7-05 Exposure B Span and Cantilever Chart in Inches for flush mount of P4 with 66" Maximum Module Length and building height ≤30 feet

Snow Load, Pg (psf)	Wind Speed (mph)												Roof Pitch
	90	100	105	110	120	130	140	150	160	170	180		
0	66	60	57	55	51	47	44	41	39	37	35		0 ≤ 7°
10	27	25	24	24	23	21	20	19	18	17	16		
15	24	24	23	23	22	21	20	19	18	17	16		
20	23	22	22	22	21	20	19	18	17	17	16		
25	22	21	21	21	20	19	18	17	17	16	15		
30	21	20	20	20	19	18	17	17	16	15	14		
40	20	19	19	19	18	17	16	16	15	14	13		
50	19	18	18	18	17	16	15	15	14	13	12		
60	18	17	17	17	16	15	14	14	13	12	11		
0	69	63	60	58	53	50	46	43	41	39	37		7° < 0 ≤ 27°
10	28	26	25	25	23	22	21	20	19	18	17		
15	25	24	24	24	23	22	21	20	19	18	17		
20	23	23	22	22	21	21	20	19	18	17	17		
25	22	22	21	21	20	19	18	18	17	16	16		
30	21	20	20	20	19	18	17	17	16	15	15		
40	20	19	19	19	18	17	16	16	15	14	14		
50	19	18	18	18	17	16	15	15	14	13	13		
60	18	17	17	17	16	15	14	14	13	12	12		
0	66	60	57	55	51	47	44	41	39	37	35		27° < 0 ≤ 45°
10	27	25	24	24	23	21	20	19	18	17	16		
15	24	24	23	23	22	21	20	19	18	17	16		
20	23	22	22	22	21	20	19	18	17	17	16		
25	22	21	21	21	20	19	18	17	17	16	15		
30	21	20	20	20	19	18	17	17	16	15	14		
40	20	19	19	19	18	17	16	16	15	14	13		
50	19	18	18	18	17	16	15	15	14	13	12		
60	18	17	17	17	16	15	14	14	13	12	11		

Assumptions: Tabulated values only apply to rail stress, the connecting support is not considered. These values are only for Gable Roofs with a mean height below or equal to 30 feet. For roof heights over this limit or conditions not specified please contact DPW Solar for consultation.

ASCE 7-05 Exposure B Span and Cantilever Chart in Inches for flush mount of P4 with 77" Maximum Module Length and building height ≤30 feet

Snow Load, Pg (psf)	Wind Speed (mph)												Roof Pitch
	90	100	105	110	120	130	140	150	160	170	180		
0	61	55	53	51	47	44	41	38	36	34	32		0 ≤ 7°
10	25	24	23	23	21	20	19	17	16	15	15		
15	23	22	22	22	21	20	19	17	16	15	15		
20	22	21	21	21	20	19	18	17	16	15	14		
25	21	20	20	20	19	18	17	16	15	14	14		
30	20	19	19	19	18	17	16	15	14	13	13		
40	19	18	18	18	17	16	15	14	13	12	12		
50	18	17	17	17	16	15	14	13	12	11	11		
60	17	16	16	16	15	14	13	12	11	10	10		
0	63	58	56	53	49	46	43	40	38	36	34		7° < 0 ≤ 27°
10	26	25	24	24	22	21	20	18	17	16	15		
15	24	23	22	22	21	20	19	17	16	15	15		
20	22	21	21	21	20	19	18	17	16	15	14		
25	21	20	20	20	19	18	17	16	15	14	14		
30	20	19	19	19	18	17	16	15	14	13	13		
40	19	18	18	18	17	16	15	14	13	12	12		
50	18	17	17	17	16	15	14	13	12	11	11		
60	17	16	16	16	15	14	13	12	11	10	10		
0	61	55	53	51	47	44	41	38	36	34	32		27° < 0 ≤ 45°
10	25	24	23	23	21	20	19	17	16	15	15		
15	23	22	22	22	21	20	19	17	16	15	15		
20	22	21	21	21	20	19	18	17	16	15	14		
25	21	20	20	20	19	18	17	16	15	14	14		
30	20	19	19	19	18	17	16	15	14	13	13		
40	19	18	18	18	17	16	15	14	13	12	12		
50	18	17	17	17	16	15	14	13	12	11	11		
60	17	16	16	16	15	14	13	12	11	10	10		

Assumptions: Tabulated values only apply to rail stress, the connecting support is not considered. These values are only for Gable Roofs with a mean height below or equal to 30 feet. For roof heights over this limit or conditions not specified please contact DPW Solar for consultation.