



**ASCE 7-05 Exposure B Span and Cantilever Chart in Inches for flush mount of MD 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	276	252	241	232	214	199	186	175	164	155	147	0 ≤ 7°	
10	242	229	223	217	206	196	186	175	164	155	147		
15	221	211	206	202	193	184	176	168	161	155	147		
20	205	197	193	189	182	174	168	161	155	149	143		
25	192	185	182	179	172	166	160	154	149	144	138		
30	181	175	173	170	164	159	154	149	144	139	134		
40	162	160	158	155	151	147	143	139	135	131	127		
50	146	146	146	144	141	137	134	130	127	124	120		
60	134	134	134	134	132	129	126	123	121	118	115		
0	288	264	253	243	225	209	195	183	173	163	154		7° < 0 ≤ 27°
10	248	235	229	224	213	202	193	183	173	163	154		
15	226	216	212	207	198	190	182	174	167	160	154		
20	208	201	197	194	186	179	172	166	160	154	148		
25	195	189	185	182	176	170	164	159	153	148	143		
30	183	178	176	173	168	163	157	152	148	143	138		
40	162	162	160	158	154	150	146	142	138	134	130		
50	146	146	146	146	143	140	136	133	130	127	123		
60	134	134	134	134	134	131	128	126	123	120	117		
0	276	252	241	232	214	199	186	175	164	155	147	27° < 0 ≤ 45°	
10	242	229	223	217	206	196	186	175	164	155	147		
15	221	211	206	202	193	184	176	168	161	155	147		
20	205	197	193	189	182	174	168	161	155	149	143		
25	192	185	182	179	172	166	160	154	149	144	138		
30	181	175	173	170	164	159	154	149	144	139	134		
40	162	160	158	155	151	147	143	139	135	131	127		
50	146	146	146	144	141	137	134	130	127	124	120		
60	134	134	134	134	132	129	126	123	121	118	115		

**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 MD 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	255	233	224	215	198	185	172	162	152	144	136	0 ≤ 7°	
10	224	212	206	201	191	181	172	162	152	144	136		
15	205	195	191	187	178	170	163	156	149	143	136		
20	190	182	179	175	168	161	155	149	143	138	133		
25	177	171	168	165	160	154	148	143	138	133	128		
30	167	162	160	157	152	147	142	137	133	128	124		
40	150	148	146	144	140	136	132	128	124	121	117		
50	135	135	135	133	130	127	124	121	118	114	111		
60	124	124	124	124	122	120	117	114	112	109	106		
0	267	244	234	225	208	194	181	170	160	151	143		7° < 0 ≤ 27°
10	229	218	212	207	197	187	179	170	160	151	143		
15	209	200	196	192	183	176	168	161	155	149	143		
20	193	186	183	179	172	166	160	154	148	142	137		
25	180	175	172	169	163	158	152	147	142	137	132		
30	170	165	163	160	155	150	146	141	137	132	128		
40	150	150	148	146	142	139	135	131	128	124	121		
50	135	135	135	135	132	129	126	123	120	117	114		
60	124	124	124	124	124	121	119	116	114	111	109		
0	255	233	224	215	198	185	172	162	152	144	136	27° < 0 ≤ 45°	
10	224	212	206	201	191	181	172	162	152	144	136		
15	205	195	191	187	178	170	163	156	149	143	136		
20	190	182	179	175	168	161	155	149	143	138	133		
25	177	171	168	165	160	154	148	143	138	133	128		
30	167	162	160	157	152	147	142	137	133	128	124		
40	150	148	146	144	140	136	132	128	124	121	117		
50	135	135	135	133	130	127	124	121	118	114	111		
60	124	124	124	124	122	120	117	114	112	109	106		

**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.**