



ASCE 7-05 Exposure B Span and Cantilever Chart in Inches for flush mount of P8 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 | 132 | 121 | 116 | 111 | 103 | 95 | 89 | 83 | 79 | 74 | 70 | 0 ≤ 7° |
| 10 | 116 | 110 | 107 | 104 | 99 | 94 | 89 | 83 | 79 | 74 | 70 | |
| 15 | 106 | 101 | 99 | 97 | 92 | 88 | 84 | 81 | 77 | 74 | 70 | |
| 20 | 98 | 94 | 92 | 90 | 87 | 83 | 80 | 77 | 74 | 71 | 68 | |
| 25 | 92 | 89 | 87 | 85 | 82 | 79 | 77 | 74 | 71 | 69 | 66 | |
| 30 | 87 | 84 | 83 | 81 | 79 | 76 | 73 | 71 | 69 | 66 | 64 | |
| 40 | 78 | 76 | 75 | 74 | 72 | 70 | 68 | 66 | 64 | 62 | 61 | |
| 50 | 70 | 70 | 70 | 69 | 67 | 66 | 64 | 62 | 61 | 59 | 57 | |
| 60 | 64 | 64 | 64 | 64 | 63 | 62 | 60 | 59 | 58 | 56 | 55 | |
| 0 | 138 | 126 | 121 | 116 | 108 | 100 | 93 | 88 | 83 | 78 | 74 | 7° < 0 ≤ 27° |
| 10 | 119 | 113 | 110 | 107 | 102 | 97 | 92 | 88 | 83 | 78 | 74 | |
| 15 | 108 | 103 | 101 | 99 | 95 | 91 | 87 | 83 | 80 | 77 | 74 | |
| 20 | 100 | 96 | 94 | 93 | 89 | 86 | 82 | 79 | 76 | 74 | 71 | |
| 25 | 93 | 90 | 89 | 87 | 84 | 81 | 79 | 76 | 73 | 71 | 68 | |
| 30 | 88 | 85 | 84 | 83 | 80 | 78 | 75 | 73 | 71 | 68 | 66 | |
| 40 | 78 | 77 | 76 | 75 | 74 | 72 | 70 | 68 | 66 | 64 | 62 | |
| 50 | 70 | 70 | 70 | 70 | 68 | 67 | 65 | 64 | 62 | 60 | 59 | |
| 60 | 64 | 64 | 64 | 64 | 64 | 63 | 61 | 60 | 59 | 57 | 56 | |
| 0 | 132 | 121 | 116 | 111 | 103 | 95 | 89 | 83 | 79 | 74 | 70 | 27° < 0 ≤ 45° |
| 10 | 116 | 110 | 107 | 104 | 99 | 94 | 89 | 83 | 79 | 74 | 70 | |
| 15 | 106 | 101 | 99 | 97 | 92 | 88 | 84 | 81 | 77 | 74 | 70 | |
| 20 | 98 | 94 | 92 | 90 | 87 | 83 | 80 | 77 | 74 | 71 | 68 | |
| 25 | 92 | 89 | 87 | 85 | 82 | 79 | 77 | 74 | 71 | 69 | 66 | |
| 30 | 87 | 84 | 83 | 81 | 79 | 76 | 73 | 71 | 69 | 66 | 64 | |
| 40 | 78 | 76 | 75 | 74 | 72 | 70 | 68 | 66 | 64 | 62 | 61 | |
| 50 | 70 | 70 | 70 | 69 | 67 | 66 | 64 | 62 | 61 | 59 | 57 | |
| 60 | 64 | 64 | 64 | 64 | 63 | 62 | 60 | 59 | 58 | 56 | 55 | |

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 P8 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 | 122 | 112 | 107 | 103 | 95 | 88 | 82 | 77 | 73 | 69 | 65 | 0 ≤ 7° |
| 10 | 107 | 101 | 99 | 96 | 91 | 87 | 82 | 77 | 73 | 69 | 65 | |
| 15 | 98 | 94 | 91 | 89 | 85 | 82 | 78 | 75 | 71 | 68 | 65 | |
| 20 | 91 | 87 | 85 | 84 | 80 | 77 | 74 | 71 | 68 | 66 | 63 | |
| 25 | 85 | 82 | 81 | 79 | 76 | 74 | 71 | 68 | 66 | 63 | 61 | |
| 30 | 80 | 78 | 76 | 75 | 73 | 70 | 68 | 66 | 63 | 61 | 59 | |
| 40 | 72 | 71 | 70 | 69 | 67 | 65 | 63 | 61 | 59 | 58 | 56 | |
| 50 | 65 | 65 | 64 | 64 | 62 | 61 | 59 | 58 | 56 | 55 | 53 | |
| 60 | 59 | 59 | 59 | 59 | 58 | 57 | 56 | 55 | 53 | 52 | 51 | |
| 0 | 128 | 117 | 112 | 108 | 100 | 93 | 87 | 81 | 76 | 72 | 68 | 7° < 0 ≤ 27° |
| 10 | 110 | 104 | 102 | 99 | 94 | 90 | 85 | 81 | 76 | 72 | 68 | |
| 15 | 100 | 96 | 94 | 92 | 88 | 84 | 80 | 77 | 74 | 71 | 68 | |
| 20 | 92 | 89 | 87 | 86 | 82 | 79 | 76 | 73 | 71 | 68 | 66 | |
| 25 | 86 | 83 | 82 | 81 | 78 | 75 | 73 | 70 | 68 | 66 | 63 | |
| 30 | 81 | 79 | 78 | 77 | 74 | 72 | 70 | 67 | 65 | 63 | 61 | |
| 40 | 72 | 72 | 71 | 70 | 68 | 66 | 64 | 63 | 61 | 59 | 58 | |
| 50 | 65 | 65 | 65 | 65 | 63 | 62 | 60 | 59 | 57 | 56 | 55 | |
| 60 | 59 | 59 | 59 | 59 | 58 | 57 | 56 | 55 | 54 | 53 | 52 | |
| 0 | 122 | 112 | 107 | 103 | 95 | 88 | 82 | 77 | 73 | 69 | 65 | 27° < 0 ≤ 45° |
| 10 | 107 | 101 | 99 | 96 | 91 | 87 | 82 | 77 | 73 | 69 | 65 | |
| 15 | 98 | 94 | 91 | 89 | 85 | 82 | 78 | 75 | 71 | 68 | 65 | |
| 20 | 91 | 87 | 85 | 84 | 80 | 77 | 74 | 71 | 68 | 66 | 63 | |
| 25 | 85 | 82 | 81 | 79 | 76 | 74 | 71 | 68 | 66 | 63 | 61 | |
| 30 | 80 | 78 | 76 | 75 | 73 | 70 | 68 | 66 | 63 | 61 | 59 | |
| 40 | 72 | 71 | 70 | 69 | 67 | 65 | 63 | 61 | 59 | 58 | 56 | |
| 50 | 65 | 65 | 64 | 64 | 62 | 61 | 59 | 58 | 56 | 55 | 53 | |
| 60 | 59 | 59 | 59 | 59 | 58 | 57 | 56 | 55 | 53 | 52 | 51 | |

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.