

Power Temp. Coef. > -0,36 %/K

Open circuit voltage [ Voc ] > 36,94 V  
Temp. Coef. Of Voc > -0,28 %/K  
-0,1034320 V/°C

|                  |    |     |    | module<br>lose [ % ] | Solar module<br>power loss [ W ] |       |   |  | Voc [ V ] |
|------------------|----|-----|----|----------------------|----------------------------------|-------|---|--|-----------|
| 472,00           | Wp | -25 | °C | 18,00                | 72,00                            | 5,17  | V |  | 42,11     |
| 470,56           | Wp | -24 | °C | 17,64                | 70,56                            | 5,07  | V |  | 42,01     |
| 469,12           | Wp | -23 | °C | 17,28                | 69,12                            | 4,96  | V |  | 41,90     |
| 467,68           | Wp | -22 | °C | 16,92                | 67,68                            | 4,86  | V |  | 41,80     |
| 466,24           | Wp | -21 | °C | 16,56                | 66,24                            | 4,76  | V |  | 41,70     |
| 464,80           | Wp | -20 | °C | 16,20                | 64,80                            | 4,65  | V |  | 41,59     |
| 463,36           | Wp | -19 | °C | 15,84                | 63,36                            | 4,55  | V |  | 41,49     |
| 461,92           | Wp | -18 | °C | 15,48                | 61,92                            | 4,45  | V |  | 41,39     |
| 460,48           | Wp | -17 | °C | 15,12                | 60,48                            | 4,34  | V |  | 41,28     |
| 459,04           | Wp | -16 | °C | 14,76                | 59,04                            | 4,24  | V |  | 41,18     |
| 457,60           | Wp | -15 | °C | 14,40                | 57,60                            | 4,14  | V |  | 41,08     |
| 456,16           | Wp | -14 | °C | 14,04                | 56,16                            | 4,03  | V |  | 40,97     |
| 454,72           | Wp | -13 | °C | 13,68                | 54,72                            | 3,93  | V |  | 40,87     |
| 453,28           | Wp | -12 | °C | 13,32                | 53,28                            | 3,83  | V |  | 40,77     |
| 451,84           | Wp | -11 | °C | 12,96                | 51,84                            | 3,72  | V |  | 40,66     |
| 450,40           | Wp | -10 | °C | 12,60                | 50,40                            | 3,62  | V |  | 40,56     |
| 448,96           | Wp | -9  | °C | 12,24                | 48,96                            | 3,52  | V |  | 40,46     |
| 447,52           | Wp | -8  | °C | 11,88                | 47,52                            | 3,41  | V |  | 40,35     |
| 446,08           | Wp | -7  | °C | 11,52                | 46,08                            | 3,31  | V |  | 40,25     |
| 444,64           | Wp | -6  | °C | 11,16                | 44,64                            | 3,21  | V |  | 40,15     |
| 443,20           | Wp | -5  | °C | 10,80                | 43,20                            | 3,10  | V |  | 40,04     |
| 441,76           | Wp | -4  | °C | 10,44                | 41,76                            | 3,00  | V |  | 39,94     |
| 440,32           | Wp | -3  | °C | 10,08                | 40,32                            | 2,90  | V |  | 39,84     |
| 438,88           | Wp | -2  | °C | 9,72                 | 38,88                            | 2,79  | V |  | 39,73     |
| 437,44           | Wp | -1  | °C | 9,36                 | 37,44                            | 2,69  | V |  | 39,63     |
| 436,00           | Wp | 0   | °C | 9,00                 | 36,00                            | 2,59  | V |  | 39,53     |
| 434,56           | Wp | 1   | °C | 8,64                 | 34,56                            | 2,48  | V |  | 39,42     |
| 433,12           | Wp | 2   | °C | 8,28                 | 33,12                            | 2,38  | V |  | 39,32     |
| 431,68           | Wp | 3   | °C | 7,92                 | 31,68                            | 2,28  | V |  | 39,22     |
| 430,24           | Wp | 4   | °C | 7,56                 | 30,24                            | 2,17  | V |  | 39,11     |
| 428,80           | Wp | 5   | °C | 7,20                 | 28,80                            | 2,07  | V |  | 39,01     |
| 427,36           | Wp | 6   | °C | 6,84                 | 27,36                            | 1,97  | V |  | 38,91     |
| 425,92           | Wp | 7   | °C | 6,48                 | 25,92                            | 1,86  | V |  | 38,80     |
| 424,48           | Wp | 8   | °C | 6,12                 | 24,48                            | 1,76  | V |  | 38,70     |
| 423,04           | Wp | 9   | °C | 5,76                 | 23,04                            | 1,65  | V |  | 38,59     |
| 421,60           | Wp | 10  | °C | 5,40                 | 21,60                            | 1,55  | V |  | 38,49     |
| 420,16           | Wp | 11  | °C | 5,04                 | 20,16                            | 1,45  | V |  | 38,39     |
| 418,72           | Wp | 12  | °C | 4,68                 | 18,72                            | 1,34  | V |  | 38,28     |
| 417,28           | Wp | 13  | °C | 4,32                 | 17,28                            | 1,24  | V |  | 38,18     |
| 415,84           | Wp | 14  | °C | 3,96                 | 15,84                            | 1,14  | V |  | 38,08     |
| 414,40           | Wp | 15  | °C | 3,60                 | 14,40                            | 1,03  | V |  | 37,97     |
| 412,96           | Wp | 16  | °C | 3,24                 | 12,96                            | 0,93  | V |  | 37,87     |
| 411,52           | Wp | 17  | °C | 2,88                 | 11,52                            | 0,83  | V |  | 37,77     |
| 410,08           | Wp | 18  | °C | 2,52                 | 10,08                            | 0,72  | V |  | 37,66     |
| 408,64           | Wp | 19  | °C | 2,16                 | 8,64                             | 0,62  | V |  | 37,56     |
| 407,20           | Wp | 20  | °C | 1,80                 | 7,20                             | 0,52  | V |  | 37,46     |
| 405,76           | Wp | 21  | °C | 1,44                 | 5,76                             | 0,41  | V |  | 37,35     |
| 404,32           | Wp | 22  | °C | 1,08                 | 4,32                             | 0,31  | V |  | 37,25     |
| 402,88           | Wp | 23  | °C | 0,72                 | 2,88                             | 0,21  | V |  | 37,15     |
| 401,44           | Wp | 24  | °C | 0,36                 | 1,44                             | 0,10  | V |  | 37,04     |
| Nominal > 400,00 | Wp | 25  | °C | 0,00                 | 0,00                             | 36,94 | V |  | 36,94     |
| Power 398,56     | Wp | 26  | °C | -0,36                | -1,44                            | -0,10 | V |  | 36,84     |

|               |    |           |    |        |        |       |   |       |
|---------------|----|-----------|----|--------|--------|-------|---|-------|
| 397,12        | Wp | 27        | °C | -0,72  | -2,88  | -0,21 | V | 36,73 |
| 395,68        | Wp | 28        | °C | -1,08  | -4,32  | -0,31 | V | 36,63 |
| 394,24        | Wp | 29        | °C | -1,44  | -5,76  | -0,41 | V | 36,53 |
| 392,80        | Wp | 30        | °C | -1,80  | -7,20  | -0,52 | V | 36,42 |
| 391,36        | Wp | 31        | °C | -2,16  | -8,64  | -0,62 | V | 36,32 |
| 389,92        | Wp | 32        | °C | -2,52  | -10,08 | -0,72 | V | 36,22 |
| 388,48        | Wp | 33        | °C | -2,88  | -11,52 | -0,83 | V | 36,11 |
| 387,04        | Wp | 34        | °C | -3,24  | -12,96 | -0,93 | V | 36,01 |
| 385,60        | Wp | 35        | °C | -3,60  | -14,40 | -1,03 | V | 35,91 |
| 384,16        | Wp | 36        | °C | -3,96  | -15,84 | -1,14 | V | 35,80 |
| 382,72        | Wp | 37        | °C | -4,32  | -17,28 | -1,24 | V | 35,70 |
| 381,28        | Wp | 38        | °C | -4,68  | -18,72 | -1,34 | V | 35,60 |
| 379,84        | Wp | 39        | °C | -5,04  | -20,16 | -1,45 | V | 35,49 |
| 378,40        | Wp | 40        | °C | -5,40  | -21,60 | -1,55 | V | 35,39 |
| 376,96        | Wp | 41        | °C | -5,76  | -23,04 | -1,65 | V | 35,29 |
| 375,52        | Wp | 42        | °C | -6,12  | -24,48 | -1,76 | V | 35,18 |
| 374,08        | Wp | 43        | °C | -6,48  | -25,92 | -1,86 | V | 35,08 |
| 372,64        | Wp | 44        | °C | -6,84  | -27,36 | -1,97 | V | 34,97 |
| 371,20        | Wp | 45        | °C | -7,20  | -28,80 | -2,07 | V | 34,87 |
| 369,76        | Wp | 46        | °C | -7,56  | -30,24 | -2,17 | V | 34,77 |
| 368,32        | Wp | 47        | °C | -7,92  | -31,68 | -2,28 | V | 34,66 |
| 366,88        | Wp | 48        | °C | -8,28  | -33,12 | -2,38 | V | 34,56 |
| 365,44        | Wp | 49        | °C | -8,64  | -34,56 | -2,48 | V | 34,46 |
| 364,00        | Wp | 50        | °C | -9,00  | -36,00 | -2,59 | V | 34,35 |
| 362,56        | Wp | 51        | °C | -9,36  | -37,44 | -2,69 | V | 34,25 |
| 361,12        | Wp | 52        | °C | -9,72  | -38,88 | -2,79 | V | 34,15 |
| 359,68        | Wp | 53        | °C | -10,08 | -40,32 | -2,90 | V | 34,04 |
| 358,24        | Wp | 54        | °C | -10,44 | -41,76 | -3,00 | V | 33,94 |
| <b>356,80</b> | Wp | <b>55</b> | °C | -10,80 | -43,20 | -3,10 | V | 33,84 |
| 355,36        | Wp | 56        | °C | -11,16 | -44,64 | -3,21 | V | 33,73 |
| 353,92        | Wp | 57        | °C | -11,52 | -46,08 | -3,31 | V | 33,63 |
| 352,48        | Wp | 58        | °C | -11,88 | -47,52 | -3,41 | V | 33,53 |
| 351,04        | Wp | 59        | °C | -12,24 | -48,96 | -3,52 | V | 33,42 |
| 349,60        | Wp | 60        | °C | -12,60 | -50,40 | -3,62 | V | 33,32 |
| 348,16        | Wp | 61        | °C | -12,96 | -51,84 | -3,72 | V | 33,22 |
| 346,72        | Wp | 62        | °C | -13,32 | -53,28 | -3,83 | V | 33,11 |
| 345,28        | Wp | 63        | °C | -13,68 | -54,72 | -3,93 | V | 33,01 |
| 343,84        | Wp | 64        | °C | -14,04 | -56,16 | -4,03 | V | 32,91 |
| 342,40        | Wp | 65        | °C | -14,40 | -57,60 | -4,14 | V | 32,80 |