

PV (Com Pó, Vera et al., 2006) Anos	Módulo Monocristalino Potência - 11 W (-1,547% / ano) (Osterwald, et al., 2002 )
0	11
1	10,82983
2	10,66229253
3	10,49734686
4	10,33495291
5	10,17507119
6	10,01766284
7	9,862689592
8	9,710113784
9	9,559898323
10	9,412006696
11	9,266402953
12	9,123051699
13	8,981918089
14	8,842967816
15	8,706167104
16	8,571482699
17	8,438881862
18	8,308332359
19	8,179802458
20	8,053260914
21	7,928676968
22	7,806020335
23	7,6852612
24	7,566370209
25	7,449318462
26	7,334077506
27	7,220619327
28	7,108916346
29	6,99894141
30	6,890667786

Módulo Monocristalino Potência - 16 W (- 1,427% / ano) (Osterwald, <i>et al.</i> .,2002)	Módulo Monocristalino Potência - 40 W (- 1,067% / ano) (Reis, <i>et al.</i> ., 2002)
16	40
15,77168	39,5732
15,54661813	39,15095396
15,32476789	38,73321328
15,10608345	38,31992989
14,89051964	37,91105624
14,67803192	37,50654527
14,46857641	37,10635043
14,26210982	36,71042567
14,05858951	36,31872543
13,85797344	35,93120463
13,66022016	35,54781868
13,46528882	35,16852345
13,27313915	34,79327531
13,08373145	34,42203106
12,8970266	34,05474799
12,71298603	33,69138383
12,53157172	33,33189676
12,3527462	32,97624542
12,17647251	32,62438888
12,00271424	32,27628665
11,83143551	31,93189868
11,66260093	31,59118532
11,49617561	31,25410737
11,33212519	30,92062604
11,17041576	30,59070296
11,01101393	30,26430016
10,85388676	29,94138008
10,69900179	29,62190556
10,54632704	29,30583982
10,39583095	28,99314651

Módulo Monocristalino Potência - 80 W (- 1,067% /ano) (Granata, <i>et al.</i> , 2009)	Módulo Monocristalino Potência - 48 W (-1,617% / ano) (Friera, <i>et al.</i> , 2011)
80	48
79,1464	47,22384
78,30190791	46,46023051
77,46642655	45,70896858
76,63985978	44,96985456
75,82211248	44,24269201
75,01309054	43,52728768
74,21270086	42,82345144
73,42085134	42,13099623
72,63745086	41,44973802
71,86240926	40,77949576
71,09563735	40,12009131
70,3370469	39,47134943
69,58655061	38,83309771
68,84406212	38,20516652
68,10949597	37,58738898
67,38276765	36,9796009
66,66379352	36,38164075
65,95249084	35,79334962
65,24877777	35,21457116
64,55257331	34,64515154
63,86379735	34,08493944
63,18237063	33,53378597
62,50821474	32,99154465
61,84125209	32,45807138
61,18140593	31,93322436
60,52860033	31,41686412
59,88276016	30,90885343
59,24381111	30,40905727
58,61167965	29,91734281
57,98629302	29,43357938

Módulo Monocristalino Potência - 65 W (-0,997% / ano) (Vera, et al., 2006)	Módulo Monocristalino Potência - 50 W (-1,792% / ano) (Vera, et al., 2006)
65	50
64,35195	49,104
63,71036106	48,22405632
63,07516876	47,35988123
62,44630933	46,51119216
61,82371962	45,6777116
61,20733714	44,859167
60,59709999	44,05529073
59,9929469	43,26581992
59,39481722	42,49049643
58,80265089	41,72906673
58,21638846	40,98128186
57,63597107	40,24689729
57,06134044	39,52567289
56,49243887	38,81737283
55,92920926	38,12176551
55,37159504	37,43862347
54,81954024	36,76772334
54,27298942	36,10884573
53,73188772	35,46177522
53,1961808	34,82630021
52,66581487	34,20221291
52,1407367	33,58930925
51,62089356	32,98738883
51,10623325	32,39625482
50,5967041	31,81571394
50,09225496	31,24557634
49,59283518	30,68565561
49,09839461	30,13576867
48,60888362	29,59573569
48,12425305	29,06538011

Módulo Monocristalino Potência - 45W (-2,109% / ano) (Vera, et al., 2006)	Média
45	44,375
44,05095	43,75648125
43,12191546	43,14729198
42,21247427	42,54728093
41,32221319	41,95629941
40,45072771	41,37420131
39,59762186	40,80084303
38,76250802	40,23608343
37,94500672	39,6797838
37,14474653	39,13180779
36,36136383	38,5920214
35,59450266	38,06029293
34,8438146	37,53649291
34,10895855	37,02049409
33,38960062	36,51217141
32,68541394	36,01140192
31,99607856	35,51806477
31,32128126	35,03204118
30,66071544	34,55321438
30,01408095	34,08146958
29,38108398	33,61669396
28,76143692	33,15877658
28,15485822	32,70760842
27,56107226	32,26308228
26,97980925	31,82509278
26,41080507	31,39353632
25,85380119	30,96831107
25,30854452	30,54931688
24,77478732	30,13645533
24,25228705	29,72962964
23,74080632	29,32874464

### Degradação de Módulos Fotovoltaicos Monocristalinos Incluindo a Deposição de Poeiras ao Longo dos Anos



