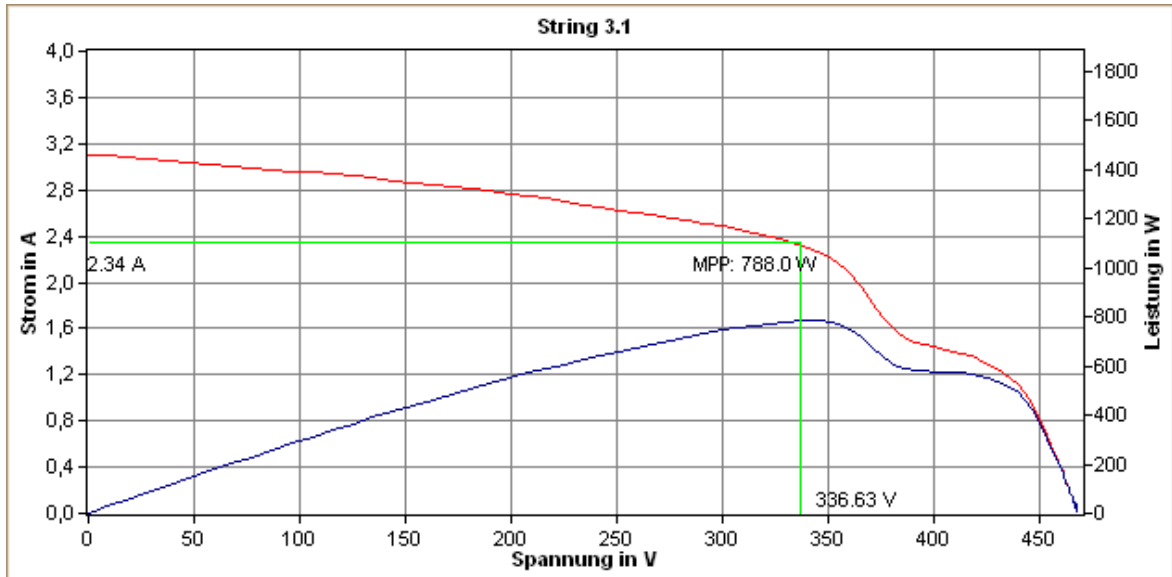


# Protokoll PVPM-Leistungsmessung



Datei: C:\...KMEigene Dateien\pv-engineering\Kundendaten\Musterkunde\String 3.1.SUI

PVPM Serien-Nr.: PVPM1000C02204

Sensor: NES SOZ-03 #2441

Datum der Messung: 08.09.2005 09:39:22

Beschreibung: String 3.1

Kunde: Musterkunde GmbH

Modultyp: X4711, Nennleistung 175Wp

12 Module im String

## Mess-Ergebnisse

Werte bei STC: <b>Peakleistung P pk: 1929,3W</b> I pmax0: 4,10A U pmax0: 471,1V I sc0: 5,43A U oc0: 655,2V	Maximale Werte (momentan): I sc: 3,11A U oc: 468,2V
Berechnete Werte: Rs: 125,1 Ohm Rp: 1739,9 Ohm FF: 0,54	Werte im MPP: P max: 788,0W I pmax: 2,34A U pmax: 336,6V
Messbedingungen: Zelltemperatur T mod: 37,7°C Einstrahlung E eff: 572W/m2	

No.	I/A	U/V	P/W	No.	I/A	U/V	P/W	No.	I/A	U/V	P/W	No.	I/A	U/V	P/W
1	3.106	0.00	0.0	2	3.106	5.14	16.0	3	3.096	9.05	28.0	4	3.082	17.69	54.5
5	3.065	27.43	84.1	6	3.049	37.30	113.7	7	3.030	47.13	142.8	8	3.014	57.02	171.9
9	2.999	67.08	201.2	10	2.986	76.73	229.1	11	2.975	86.58	257.5	12	2.962	96.40	285.6
13	2.951	106.06	313.0	14	2.937	115.62	339.6	15	2.921	125.06	365.3	16	2.900	134.56	390.2
17	2.879	143.84	414.1	18	2.857	153.15	437.5	19	2.836	162.69	461.5	20	2.820	171.83	484.5
21	2.805	180.80	507.2	22	2.787	189.73	528.8	23	2.767	198.79	550.0	24	2.748	207.67	570.7
25	2.726	216.49	590.2	26	2.697	225.24	607.4	27	2.669	234.03	624.7	28	2.643	242.24	640.2
29	2.620	250.67	656.7	30	2.601	259.01	673.8	31	2.581	266.96	688.9	32	2.559	275.18	704.1
33	2.536	283.32	718.6	34	2.511	291.51	732.0	35	2.486	299.49	744.5	36	2.461	306.97	755.6
37	2.433	314.85	766.1	38	2.396	322.45	772.7	39	2.356	329.83	777.0	40	2.319	337.46	782.7
41	2.272	344.62	782.8	42	2.206	351.75	776.1	43	2.100	358.71	753.1	44	1.966	365.26	718.2
45	1.818	371.03	674.7	46	1.679	376.60	632.4	47	1.571	381.90	600.1	48	1.513	386.90	585.4
49	1.480	391.23	578.9	50	1.460	395.62	577.7	51	1.439	400.09	575.9	52	1.418	404.74	574.0
53	1.400	408.91	572.6	54	1.384	413.03	571.7	55	1.365	417.14	569.4	56	1.335	421.32	562.3
57	1.291	425.22	549.0	58	1.247	429.28	535.2	59	1.202	432.99	520.5	60	1.159	436.33	505.6
61	1.111	439.79	488.5	62	1.044	443.06	462.6	63	0.948	446.13	422.8	64	0.849	449.00	381.3
65	0.757	451.52	341.7	66	0.672	453.65	304.7	67	0.593	455.23	270.2	68	0.523	456.91	238.9
69	0.461	458.38	211.1	70	0.409	459.72	188.2	71	0.364	460.88	167.6	72	0.322	461.47	148.4
73	0.285	462.22	131.6	74	0.252	463.08	116.5	75	0.226	463.60	104.6	76	0.205	464.03	94.9
77	0.183	464.29	84.8	78	0.163	464.80	75.8	79	0.147	465.23	68.2	80	0.132	465.49	61.3
81	0.121	465.85	56.1	82	0.111	465.94	51.8	83	0.102	466.04	47.7	84	0.089	466.37	41.6
85	0.084	466.90	39.4	86	0.080	467.11	37.1	87	0.072	466.71	33.5	88	0.069	466.76	32.2
89	0.063	466.92	29.6	90	0.061	466.81	28.5	91	0.061	467.01	28.3	92	0.056	466.91	26.2
93	0.051	467.11	24.0	94	0.048	467.54	22.4	95	0.046	467.42	21.7	96	0.047	467.24	21.8
97	0.045	467.19	20.8	98	0.041	467.26	19.2	99	0.037	467.42	17.4	100	0.027	467.64	12.8
101	0.000	468.20	0.0												