Manufacturer: Satcon Technology Inc.

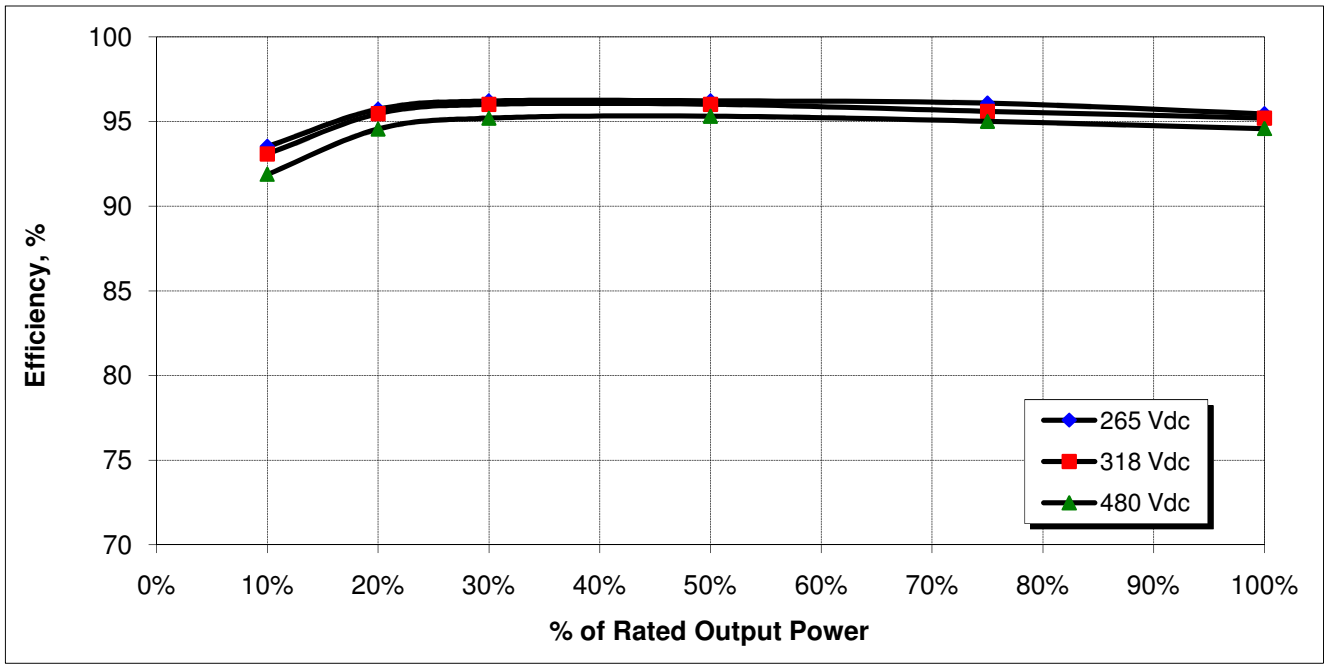
Model #: PV-210-S-208Vac

Rated Maximum Continuous Output Power: 210.00 kW Night Tare Loss: 160.80 W

Vmin: 265 Vdc Vnom: 318 Vdc Vmax: 480 Vdc

		Power Level (%; kW)						
		10%	20%	30%	50%	75%	100%	
Input Voltage (Vdc)		21.00	42.00	63.00	105.00	157.50	210.00	Wtd
Vmin	265	93.5	95.7	96.2	96.2	96.1	95.5	96.0
Vnom	318	93.1	95.5	96.0	96.0	95.6	95.2	95.6
Vmax	480	91.9	94.6	95.2	95.3	95.0	94.6	94.9

CEC Efficiency = 95.5%



Inverter Efficiency Data

Minimum of 5 samples required

Specified		Sample #1			Sample #2			Sample #3			Sample #4			Sample #5		
Output Power	Input Voltage	Output Power	Input Voltage	Efficiency	Output Power	Input Voltage	Efficiency	Output Power	Input Voltage	Efficiency	Output Power	Input Voltage	Efficiency	Output Power	Input Voltage	Efficiency
(% of rated)	(Vdc)	(W)	(Vdc)	(%)	(W)	(Vdc)	(%)	(W)	(Vdc)	(%)	(W)	(Vdc)	(%)	(W)	(Vdc)	(%)
10%	Vmin	19087	265.45	93.545	19069	265.47	93.562	19124	265.47	93.551	19086	265.4	93.487	19081	265.45	93.506
20%	Vmin	44789	265.1	95.740	44834	265.09	95.766	44829	265.12	95.748	44819	265.12	95.689	44782	265.11	95.737
30%	Vmin	66247	265.91	96.247	66278	265.89	96.187	66303	265.98	96.215	66249	265.95	96.217	66297	265.94	96.223
50%	Vmin	113433	265.34	96.230	113430	265.41	96.220	113349	265.37	96.222	113426	265.41	96.227	113390	265.4	96.205
75%	Vmin	152000	266	96.203	152000	266	96.001	152000	266	96.203	152000	266	96.001	152000	266	96.001
100%	Vmin	201265	266.21	95.493	201121	266.12	95.459	201135	266.18	95.434	201178	266.16	95.479	201201	266.15	95.490
10%	Vnom	19241	317.58	93.179	19239	317.59	93.021	19236	317.62	93.096	19188	317.62	93.007	19225	317.59	93.150
20%	Vnom	45032	318.18	95.506	44953	318.15	95.545	45083	318.2	95.526	44915	318.17	95.451	44965	318.16	95.408
30%	Vnom	66495	317.97	96.020	66439	317.95	95.990	66487	317.96	96.038	66484	317.95	95.991	66402	317.96	96.025
50%	Vnom	113580	317.49	96.039	113619	317.44	95.992	113583	317.45	96.025	113562	317.49	96.015	113620	317.45	96.016
75%	Vnom	152000	318	95.597	152000	318	95.597	152000	318	95.597	152000	318	95.597	152000	318	95.597
100%	Vnom	201283	318.56	95.190	59.972	318.54	95.212	201294	318.51	95.189	201264	318.54	95.160	201221	318.52	95.197
10%	Vmax	19507	479.47	91.820	19398	479.45	91.929	19472	479.44	91.915	19371	479.42	91.790	19488	479.41	91.833
20%	Vmax	45212	480.06	94.515	45151	480.02	94.536	45237	480.04	94.501	45088	479.99	94.600	45317	480.01	94.602
30%	Vmax	66574	478.93	95.168	66716	478.89	95.176	66590	478.9	95.219	66732	478.93	95.195	66697	478.9	95.201
50%	Vmax	113756	479.63	95.327	113887	479.6	95.291	113899	479.57	95.349	113731	479.6	95.285	113894	479.58	95.339
75%	Vmax	152000	478	94.803	152667	478	95.219	152333	478	95.010	152333	478	95.010	152000	478	94.803
100%	Vmax	201617	476.95	94.593	201630	476.97	94.597	201726	476.92	94.582	201718	476.95	94.587	201579	476.94	94.585

Specified		Sample #6			Sample #7			Sample #8			Sample #9			Sample #10		
Output Power	Input Voltage	Output Power	Input Voltage	Efficiency	Output Power	Input Voltage	Efficiency	Output Power	Input Voltage	Efficiency	Output Power	Input Voltage	Efficiency	Output Power	Input Voltage	Efficiency
(% of rated)	(Vdc)	(W)	(Vdc)	(%)	(W)	(Vdc)	(%)	(W)	(Vdc)	(%)	(W)	(Vdc)	(%)	(W)	(Vdc)	(%)
10%	Vmin	19099	265.47	93.5709	19125	265.46	93.45708									
20%	Vmin	44841	265.13	95.74637	44786	265.12	95.6708									
30%	Vmin	66296	265.93	96.21975	66286	265.93	96.20117									
50%	Vmin	113332	265.41	96.21828	113421	265.4	96.25219									
75%	Vmin	152000	266	96.20253	152000	266	96.00085									
100%	Vmin	201150	266.16	95.42613	201054	266.14	95.42237									
10%	Vnom	19222	317.62	93.10215	19272	317.64	93.00114									
20%	Vnom	44862	318.21	95.38187	44977	318.18	95.38535									
30%	Vnom	66504	317.98	95.99947	66422	317.99	95.99661									
50%	Vnom	113582	317.5	96.01075	113552	317.47	96.01135									
75%	Vnom	152000	318	95.59748	152000	318	95.59748									
100%	Vnom	201360	318.54	95.21272	60.022	318.53	95.19109									
10%	Vmax	19407	479.43	91.89061	19471	479.41	91.97913									
20%	Vmax	45103	480.03	94.50807	45294	480.04	94.60798									
30%	Vmax	66582	478.93	95.24685	66752	478.89	95.19279									
50%	Vmax	113903	479.52	95.32405	113728	479.55	95.29641									
75%	Vmax	152667	478	95.0207	152333	478	95.20833									
100%	Vmax	201690	476.96	94.57721	201697	476.95	94.55654									