

Hawaii County Solar Collector BTU/Day Output by Sunshine Zone Table

OG-100 Protocol Format			(BTU/sq ft day)	2,030	1,845	1,661	1,476	1,292	1,107
Hawaii Sunshine Zone			(Cal/sq cm/day)	550	500	450	400	350	300
Nom. Size	Coating	Manufacturer/Brand	Model						
3' x 7'	Paint	Alternate Energy	AE-21E	18,874	17,159	14,660	12,103	9,505	9,505
		Alternate Energy	MSC-21E	19,585	17,804	15,229	12,595	9,919	9,919
		Alternate Energy	ST-21E	19,280	17,528	14,945	12,300	9,609	9,609
		R&R	EPI-308CU (3' X 7')	19,889	18,081	15,466	12,792	10,022	10,022
		R&R	EPI-308SS (3' X 7')	19,889	18,081	15,466	12,792	10,022	10,022
		R&R	SunPro21	20,194	18,358	15,704	12,989	10,177	10,177
		Solahart	J Collector	21,919	19,926	17,032	14,071	11,055	11,055
		Solahart	L Collector	15,627	14,207	11,813	9,348	7,077	7,077
		SunEarth	EP-21	21,716	19,742	17,222	14,662	12,037	12,037
3' x 7'	Selective	Alternate Energy	AE-21	21,005	19,096	16,558	13,973	11,314	11,314
		Alternate Energy	MSC-21	21,716	19,742	17,127	14,465	11,727	11,727
		Apricus Solar	AP-10	11,670	10,609	9,441	8,266	7,077	7,077
		Solahart	Bt	23,441	21,310	18,408	15,449	12,347	12,347
		Solahart	Kf	23,542	21,402	18,645	15,842	12,967	12,967
		Solahart	M Collector	18,976	17,251	14,802	12,300	9,815	9,815
		SunEarth	EC-21	22,629	20,572	17,886	15,154	12,450	12,450
3' x 8'	Paint	Alternate Energy	AE-24E	21,614	19,649	16,842	13,973	11,004	11,004
		Alternate Energy	MSC-24E	22,122	20,111	17,222	14,268	11,210	11,210
		Integrated Solar, LLC	Radco 308P-HP	18,164	16,513	13,711	10,824	8,111	8,111
		R&R	EPI-308CU (3' x 8')	22,629	20,572	17,601	14,563	11,417	11,417
		R&R	EPI-308SS (3' x 8')	22,629	20,572	17,601	14,563	11,417	11,417
		R&R	SunPro24	23,035	20,941	17,886	14,760	11,572	11,572
		SunEarth	EP-24	25,470	23,155	20,163	17,122	14,052	14,052
		SunEarth	IP-24	25,267	22,970	20,021	17,023	13,948	13,948
		SunEarth	SB-24	21,005	19,096	16,083	12,989	9,970	9,970
3' x 8'	Selective	Alternate Energy	AE-24	24,050	21,863	18,930	15,941	12,915	12,915
		Alternate Energy	MSC-24	24,760	22,509	19,499	16,433	13,328	13,328
		Integrated Solar, LLC	Radco 308C-HP	21,208	19,280	16,463	13,579	10,642	10,642
		SunEarth	EC-24	26,384	23,985	20,875	17,712	14,516	14,516
		SunEarth	IC-24	26,384	23,985	20,875	17,712	14,516	14,516
4' x 6'	Paint	Alternate Energy	AE-26E	23,035	20,941	17,933	14,858	11,675	11,675
		Alternate Energy	MSC-26E	23,542	21,402	18,313	15,154	11,933	11,933
4' x 6'	Selective	Alternate Energy	AE-26	25,572	23,247	20,163	17,023	13,793	13,793
		Alternate Energy	MSC-26	26,181	23,801	20,638	17,417	14,155	14,155
		Solene	SLCO-30	26,891	24,446	21,112	17,712	14,258	14,258
		Solene	SLAR-30	26,891	24,446	21,112	17,712	14,258	14,258
4' x 7'	Paint	Alternate Energy	AE-28E	25,470	23,155	19,831	16,433	12,915	12,915
		Alternate Energy	MSC-28E	25,978	23,616	20,211	16,728	13,173	13,173
		Heliodyne	406-002	26,688	24,262	20,685	17,023	13,328	13,328
4' x 7'	Selective	Alternate Energy	AE-28	28,210	25,646	22,251	18,794	15,240	15,240
		Alternate Energy	MSC-28	28,920	26,291	22,773	19,188	15,550	15,550
		Heliodyne	336-013	26,586	24,170	20,875	17,515	14,155	14,155
		Heliodyne	406-001	28,819	26,199	22,773	19,286	15,756	15,756
4' x 8'	Paint	Alternate Energy	AE-32E	29,022	26,384	22,583	18,696	14,671	14,671
		Alternate Energy	MSC-32E	29,631	26,937	23,057	19,090	14,981	14,981
		Heliodyne	408-002	32,675	29,705	25,192	20,566	16,170	16,170
		Integrated Solar, LLC	Radco 408P-HP	24,861	22,601	18,740	14,760	11,055	11,055
		R&R	EPI-308CU (4' x 8')	30,443	27,675	23,674	19,750	15,343	15,343
		R&R	EPI-308SS (4' x 8')	30,443	27,675	23,674	19,750	15,343	15,343
		R&R	Sunpro 32	30,848	28,044	23,959	19,750	15,498	15,498
		Solene-Corona	SLCO-32P	26,891	24,446	20,590	16,630	12,812	12,812
		SunEarth	EP-32	34,704	31,550	27,517	23,419	19,269	19,269
		SunEarth	IP-32	34,502	31,365	27,327	23,222	19,114	19,114
SunEarth	SP-32	34,704	31,550	27,517	23,419	19,269	19,269		
SunEarth	SB-32	28,616	26,015	21,919	17,712	13,638	13,638		

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OG-100 Protocol Format			(BTU/sq ft day)	2,030	1,845	1,661	1,476	1,292	1,107
Hawaii Sunshine Zone			(Cal/sq cm/day)	550	500	450	400	350	300
Nom. Size	Coating	Manufacturer/Brand	Model						
4' x 8'	Selective	Alternate Energy	AE-32	32,168	29,243	25,382	21,451	17,409	17,409
		Alternate Energy	MSC-32	32,979	29,981	25,999	21,943	17,771	17,771
		Heliodyne	408-001	34,704	31,550	27,422	23,222	19,011	19,011
		Heliodyne	408-013	31,965	29,059	25,097	21,058	16,944	16,944
		Integrated Solar, LLC	Radco 408C-HP	28,819	26,199	22,393	18,499	14,516	14,516
		Solene	SLCR-30	33,588	30,535	26,710	22,829	19,011	19,011
		Solene	SLCO-32	35,009	31,826	27,517	23,124	18,649	18,649
		Solene	SLCR-32	35,415	32,195	28,181	24,108	20,044	20,044
		Solene	SLAR-32	35,009	31,826	27,517	23,124	18,649	18,649
		SunEarth	EC-32	35,821	32,564	28,371	24,108	19,786	19,786
SunEarth	IC-32	35,821	32,564	28,371	24,108	19,786	19,786		
4' x 10'	Paint	Alternate Energy	AE-40E	36,125	32,841	28,134	23,321	18,339	18,339
		Alternate Energy	MSC-40E	36,835	33,487	28,655	23,714	18,649	18,649
		Alternate Energy	ST-40E	35,009	31,826	27,137	22,337	17,461	17,461
		Heliodyne	410-002	40,387	36,716	31,455	26,076	20,561	20,561
		Integrated Solar, LLC	Radco 410P-HP	31,051	28,229	23,437	18,499	13,845	13,845
		R&R	Sunpro 40	38,459	34,963	29,889	24,698	19,373	19,373
		Solene	SLCO-40P	32,675	29,705	25,002	20,172	15,550	15,550
		SunEarth	EP-40	43,228	39,299	34,301	29,225	24,022	24,022
		SunEarth	IP-40	43,228	39,299	34,254	29,126	23,970	23,970
		SunEarth	SB-40	35,922	32,657	27,564	22,337	17,151	17,151
4' x 10'	Selective	Alternate Energy	AE-40	40,184	36,531	31,644	26,666	21,646	21,646
		Alternate Energy	MSC-40	42,518	38,653	33,495	28,241	22,937	22,937
		Heliodyne	410-001	43,431	39,483	34,349	29,126	23,815	23,815
		Heliodyne	410-013	40,083	36,439	31,455	26,371	21,181	21,181
		Integrated Solar, LLC	Radco 410C-HP	36,227	32,933	28,134	23,222	18,184	18,184
		Solene	SLCO-40	43,025	39,114	33,779	28,339	22,834	22,834
		Solene	SLCR-40	44,345	40,313	35,297	30,209	25,107	25,107
		Solene	SLAR-40	43,025	39,114	33,779	28,339	22,834	22,834
		SunEarth	EC-40	44,953	40,867	35,582	30,209	24,797	24,797
		SunEarth	IC-40	44,953	40,867	35,582	30,209	24,797	24,797
4' x 12'	Paint	Integrated Solar, LLC	Radco 412P-HP	37,546	34,133	28,323	22,337	16,738	16,738
4' x 12'	Selective	Integrated Solar, LLC	Radco 412C-HP	43,736	39,760	33,969	28,044	22,007	22,007
5' X 7'	Selective	Apricus	AP-20	26,586	24,170	21,397	18,598	15,756	15,756
		Apricus	AP-22	25,978	23,616	21,017	18,401	15,705	15,705
7' x 7'	Selective	Apricus	AP-30	41,199	37,454	33,163	28,831	24,435	24,435
Notes:		1. Values for the 350 and 450 Sunshine Zones are interpolated assuming a linear relationship.							
		2. Values for the 300 Sunshine Zone equals the 350 Sunshine Zone per Section 2.02.							