

**Solar Cells & Panels**  
**Imports for Consumption, 2008 to November 2011**

**Quantities (Unit: Number)**

Country of Origin	Annual 2008	Annual 2009	Annual 2010	YTD 2010	YTD 2011	November 2010	November 2011
<i>Group Summary: Solar Cells &amp; Panels</i>							
China.....	3,828,375	6,637,238	17,371,621	15,118,652	67,544,633	1,836,316	9,886,668
Germany.....	6,638,971	9,161,136	13,806,532	11,960,693	18,849,655	1,068,408	211,292
Philippines.....	276,533	1,006,495	184,927	180,111	14,702,952	5,185	2,118,531
Malaysia.....	9,840	420,054	21,927,470	21,787,178	13,721,855	287,533	5,695,506
Taiwan.....	26,052,360	11,114,508	23,950,839	21,784,673	12,778,484	1,333,209	533,254
Japan.....	4,613,746	971,148	4,689,919	3,685,341	11,875,251	571,249	578,388
Korea, South.....	35,767	16,918	938,801	911,656	1,771,614	158,817	143,185
Mexico.....	878,950	1,005,799	1,416,382	1,236,848	1,227,468	161,624	141,181
Singapore.....	18,191	4,162	187,980	149,827	1,205,044	18,920	1,015,074
Thailand.....	15,682	5,614	50	50	853,140	---	---
India.....	50,068	169,192	122,570	93,914	352,616	29,655	58,256
Brazil.....	---	---	500	500	158,758	---	---
Spain.....	930,269	120,968	143,115	142,914	136,669	11,339	---
Netherlands.....	1,128	312	7,484	5,569	56,977	1,004	1,883
Canada.....	34,442	15,113	49,968	39,912	53,947	836	245
United Kingdom.....	60,371	54,882	160,944	150,928	40,765	31,569	3,172
Italy.....	20,502	24,762	19,242	10,574	27,690	5,370	334
Hong Kong.....	116,510	62,763	72,994	72,594	25,926	7,786	6,441
Austria.....	78,770	25,511	4,443	24	6,956	---	1
Vietnam.....	1,410	633	3,426	3,426	5,522	988	972
France.....	102,730	47,887	17,721	17,721	4,801	4	13
Switzerland.....	924	177	218,236	218,226	4,366	---	---
Belgium.....	2,727	55,555	41,112	40,935	3,191	---	180
Czech Republic.....	14,185	9,238	501,184	500,406	2,234	856	8
Sweden.....	22,652	126,957	64,491	64,491	2,067	22,010	---
Russia.....	26,096	12,015	6,150	4,150	1,523	---	---
Portugal.....	5,854	2,728	14,019	14,019	1,412	---	356
Australia.....	134,724	2,382	3,656	3,656	1,031	---	86
Argentina.....	4,224	1,860	2,920	2,473	1,030	---	---
Croatia.....	20,990	---	5,166	5,166	971	---	---
Israel.....	27	118	611	611	959	---	700
Poland.....	2,997	72	138	138	220	---	---
Turkey.....	1,263	188	1,323	1,167	150	---	---
Denmark.....	1	6	202	158	98	25	---
Norway.....	26,190	31,800	63,300	63,300	51	---	---
Hungary.....	17	1	9,300	9,300	38	---	---
Slovakia.....	---	---	---	---	1	---	---
Gabon.....	---	---	2,500	---	---	---	---
South Africa.....	---	---	2,222	2,222	---	2,222	---
New Zealand.....	---	---	200	200	---	---	---
Ireland.....	3,455	---	4	4	---	---	---
Luxembourg.....	---	---	2	---	---	---	---
Indonesia.....	263	---	1	1	---	1	---
Iceland.....	---	33	---	---	---	---	---
Trinidad and Tobago.....	---	18	---	---	---	---	---
Cyprus.....	10	11	---	---	---	---	---
Macau.....	1,000	---	---	---	---	---	---
Panama.....	1	---	---	---	---	---	---
Benin.....	1	---	---	---	---	---	---

**Solar Cells & Panels**  
**Imports for Consumption, 2008 to November 2011**

**Quantities (Unit: Number)**

Country of Origin	Annual 2008	Annual 2009	Annual 2010	YTD 2010	YTD 2011	November 2010	November 2011
ALL COUNTRIES.....	44,032,216	31,108,254	86,013,665	78,283,728	145,420,065	5,554,926	20,395,726
<b>HTS 8541406020: SOLAR CELLS ASSEMBLED INTO MODULES OR PANELS</b>							
China.....	2,629,108	5,120,674	10,809,651	9,316,148	42,142,738	1,030,352	6,067,597
Philippines.....	252,099	504,430	157,528	152,712	14,263,561	5,185	2,111,031
Malaysia.....	8,850	413,356	21,924,800	21,784,758	13,678,948	287,533	5,695,506
Japan.....	4,373,090	914,673	4,459,997	3,489,804	9,415,268	548,953	204,289
Taiwan.....	339,478	846,838	9,609,180	8,646,862	6,198,562	444,031	483,555
Germany.....	3,065,629	2,818,785	4,515,640	4,303,908	2,750,994	216,593	202,144
Mexico.....	855,670	990,856	1,414,396	1,234,862	1,188,882	159,851	141,146
Singapore.....	8,352	4,137	5,509	5,436	996,378	---	994,354
Korea, South.....	32,307	6,345	45,467	41,422	254,363	14,717	27,545
India.....	12,457	29,670	117,241	88,585	242,515	29,253	58,256
Thailand.....	20	550	50	50	50,822	---	---
Canada.....	28,156	13,621	49,635	39,579	48,464	823	214
Hong Kong.....	104,690	61,763	72,974	72,574	15,503	7,786	6,441
Italy.....	15,146	22,075	18,837	10,179	7,290	5,004	---
Austria.....	78,770	19,433	4,443	24	6,951	---	1
Netherlands.....	1,127	302	5,560	5,559	6,455	1,000	1,883
Vietnam.....	1,410	---	3,426	3,426	5,522	988	972
Spain.....	31,192	111,067	116,329	116,132	4,971	532	---
Switzerland.....	354	97	217,184	217,179	4,357	---	---
United Kingdom.....	22,506	10,442	74,598	66,585	3,627	---	---
France.....	102,726	17,996	17,721	17,721	2,778	4	13
Czech Republic.....	1,120	633	1,634	856	2,234	856	8
Portugal.....	3,262	2,728	14,019	14,019	1,412	---	356
Australia.....	133,518	513	822	822	1,031	---	86
Argentina.....	4,224	1,860	2,920	2,473	1,030	---	---
Croatia.....	17,992	---	---	---	971	---	---
Israel.....	17	118	38	38	253	---	---
Poland.....	2,997	72	138	138	220	---	---
Belgium.....	2,723	---	31,529	31,529	190	---	180
Denmark.....	1	5	202	158	82	25	---
Sweden.....	22,652	126,785	62,151	62,151	67	22,010	---
Turkey.....	1,263	188	1,323	1,167	50	---	---
Norway.....	25,990	31,800	63,300	63,300	40	---	---
Hungary.....	5	---	9,300	9,300	38	---	---
Russia.....	---	---	---	---	18	---	---
South Africa.....	---	---	2,222	2,222	---	2,222	---
Brazil.....	---	---	500	500	---	---	---
New Zealand.....	---	---	200	200	---	---	---
Luxembourg.....	---	---	2	---	---	---	---
Indonesia.....	263	---	1	1	---	1	---
Iceland.....	---	33	---	---	---	---	---
Cyprus.....	---	11	---	---	---	---	---
Macau.....	1,000	---	---	---	---	---	---
Panama.....	1	---	---	---	---	---	---
Benin.....	1	---	---	---	---	---	---
ALL COUNTRIES.....	12,180,166	12,071,856	53,830,467	49,802,379	91,296,585	2,777,719	15,995,577

**Solar Cells & Panels**  
**Imports for Consumption, 2008 to November 2011**

**Quantities (Unit: Number)**

Country of Origin	Annual 2008	Annual 2009	Annual 2010	YTD 2010	YTD 2011	November 2010	November 2011
<b>HTS 8541406030: SOLAR CELLS, NOT ASSEMBLED INTO MODULES OR MADE UP INTO PANELS</b>							
China.....	1,199,267	1,516,564	6,561,970	5,802,504	25,401,895	805,964	3,819,071
Germany.....	3,573,342	6,342,351	9,290,892	7,656,785	16,098,661	851,815	9,148
Taiwan.....	25,712,882	10,267,670	14,341,659	13,137,811	6,579,922	889,178	49,699
Japan.....	240,656	56,475	229,922	195,537	2,459,983	22,296	374,099
Korea, South.....	3,460	10,573	893,334	870,234	1,517,251	144,100	115,640
Thailand.....	15,662	5,064	---	---	802,318	---	---
Philippines.....	24,434	502,065	27,399	27,399	439,391	---	7,500
Singapore.....	9,839	25	182,471	144,391	208,666	18,920	20,720
Brazil.....	---	---	---	---	158,758	---	---
Spain.....	899,077	9,901	26,786	26,782	131,698	10,807	---
India.....	37,611	139,522	5,329	5,329	110,101	402	---
Netherlands.....	1	10	1,924	10	50,522	4	---
Malaysia.....	990	6,698	2,670	2,420	42,907	---	---
Mexico.....	23,280	14,943	1,986	1,986	38,586	1,773	35
United Kingdom.....	37,865	44,440	86,346	84,343	37,138	31,569	3,172
Italy.....	5,356	2,687	405	395	20,400	366	334
Hong Kong.....	11,820	1,000	20	20	10,423	---	---
Canada.....	6,286	1,492	333	333	5,483	13	31
Belgium.....	4	55,555	9,583	9,406	3,001	---	---
France.....	4	29,891	---	---	2,023	---	---
Sweden.....	---	172	2,340	2,340	2,000	---	---
Russia.....	26,096	12,015	6,150	4,150	1,505	---	---
Israel.....	10	---	573	573	706	---	700
Turkey.....	---	---	---	---	100	---	---
Denmark.....	---	1	---	---	16	---	---
Norway.....	200	---	---	---	11	---	---
Switzerland.....	570	80	1,052	1,047	9	---	---
Austria.....	---	6,078	---	---	5	---	---
Slovakia.....	---	---	---	---	1	---	---
Czech Republic.....	13,065	8,605	499,550	499,550	---	---	---
Croatia.....	2,998	---	5,166	5,166	---	---	---
Australia.....	1,206	1,869	2,834	2,834	---	---	---
Gabon.....	---	---	2,500	---	---	---	---
Ireland.....	3,455	---	4	4	---	---	---
Vietnam.....	---	633	---	---	---	---	---
Trinidad and Tobago.....	---	18	---	---	---	---	---
Hungary.....	12	1	---	---	---	---	---
Portugal.....	2,592	---	---	---	---	---	---
Cyprus.....	10	---	---	---	---	---	---
ALL COUNTRIES.....	31,852,050	19,036,398	32,183,198	28,481,349	54,123,480	2,777,207	4,400,149

**Solar Cells & Panels**  
**Imports for Consumption, 2008 to November 2011**  
**C.I.F. Values in US\$**

Country of Origin	Annual 2008	Annual 2009	Annual 2010	YTD 2010	YTD 2011	November 2010	November 2011
<b>Group Summary: Solar Cells &amp; Panels</b>							
China.....	233,336,813	424,036,845	1,206,549,209	1,018,328,583	2,425,738,645	189,712,043	277,947,845
Malaysia.....	21,051	55,884,377	148,104,636	147,368,816	530,548,186	1,708,873	92,199,384
Mexico.....	213,340,228	349,401,076	481,325,357	427,843,767	452,652,424	53,199,668	53,116,961
Japan.....	253,384,908	241,136,537	308,797,937	262,147,734	382,853,118	43,262,884	20,761,940
Philippines.....	140,852,393	174,092,139	28,253,590	28,212,239	225,124,636	2,859,434	31,420,738
Taiwan.....	176,340,159	113,109,596	276,763,504	256,801,300	136,010,199	17,559,209	12,955,595
Germany.....	172,547,638	69,998,849	85,991,370	75,631,843	116,797,091	7,588,494	4,509,134
Singapore.....	324,017	908,654	69,252,916	53,906,804	59,246,862	7,425,023	7,422,886
Korea, South.....	237,141	1,381,422	22,482,436	20,912,541	49,330,835	5,039,703	6,799,774
India.....	4,408,819	6,425,405	30,874,068	22,268,021	42,860,024	7,603,880	607,091
Hong Kong.....	15,307,200	4,456,105	759,863	712,667	2,684,455	138,853	1,884,960
Netherlands.....	121,259	145,634	3,773,156	3,753,282	2,439,771	22,047	705,469
Canada.....	8,312,979	1,988,185	1,338,336	1,256,679	1,919,364	212,940	98,296
Switzerland.....	189,993	34,264	1,158,823	1,142,772	1,662,016	---	---
Vietnam.....	23,119	4,291	666,295	666,295	1,166,040	145,489	126,090
United Kingdom.....	861,675	746,181	863,086	756,741	885,479	27,866	121,421
Spain.....	10,374,033	1,782,857	2,748,717	2,623,001	804,139	340,483	---
Brazil.....	---	---	21,199	21,199	554,901	---	---
France.....	429,262	254,345	100,629	100,629	462,795	2,147	12,799
Italy.....	300,908	436,836	601,000	556,935	317,383	49,913	11,747
Thailand.....	74,147	34,164	2,706	2,706	292,714	---	---
Australia.....	372,373	231,664	221,502	221,502	277,219	---	31,133
Portugal.....	1,711,985	684,058	19,664	19,664	210,826	---	54,995
Belgium.....	32,828	224,474	854,768	844,774	139,401	---	104,547
Poland.....	29,715	44,933	64,668	64,668	101,137	---	---
Argentina.....	387,310	152,333	282,564	242,199	88,808	---	---
Austria.....	503,397	111,972	86,370	5,753	77,579	---	3,353
Czech Republic.....	137,095	100,790	2,758,098	2,734,758	77,335	41,100	3,361
Israel.....	18,841	30,251	251,303	251,303	61,843	---	3,110
Sweden.....	17,687,079	15,506,064	16,244,303	16,244,303	57,193	88,405	---
Turkey.....	431,594	65,475	220,323	200,616	52,625	---	---
Denmark.....	2,532	7,400	133,132	105,855	41,279	11,620	---
Croatia.....	113,279	---	20,447	20,447	39,544	---	---
Norway.....	611,549	152,602	195,637	195,637	37,431	---	---
Russia.....	22,972	30,173	11,869	9,405	13,489	---	---
Hungary.....	10,819	2,575	9,332	9,332	10,496	---	---
Slovakia.....	---	---	---	---	3,186	---	---
Gabon.....	---	---	23,273	---	---	---	---
South Africa.....	---	---	22,230	22,230	---	22,230	---
Ireland.....	18,356	---	9,273	9,273	---	---	---
Luxembourg.....	---	---	4,399	---	---	---	---
New Zealand.....	---	---	3,440	3,440	---	---	---
Indonesia.....	5,016	---	2,559	2,559	---	2,559	---
Trinidad and Tobago.....	---	21,150	---	---	---	---	---
Cyprus.....	3,184	18,998	---	---	---	---	---
Iceland.....	---	7,526	---	---	---	---	---
Macau.....	5,689	---	---	---	---	---	---
Panama.....	5,450	---	---	---	---	---	---
Benin.....	3,572	---	---	---	---	---	---

**Solar Cells & Panels**  
**Imports for Consumption, 2008 to November 2011**  
**C.I.F. Values in US\$**

Country of Origin	Annual 2008	Annual 2009	Annual 2010	YTD 2010	YTD 2011	November 2010	November 2011
ALL COUNTRIES.....	1,252,902,377	1,463,650,200	2,691,867,987	2,346,222,272	4,435,640,468	337,064,863	510,902,629
<b>HTS 8541406020: SOLAR CELLS ASSEMBLED INTO MODULES OR PANELS</b>							
China.....	228,285,825	411,686,137	1,168,079,330	987,042,635	2,281,174,934	184,413,108	263,342,380
Malaysia.....	2,388	55,860,177	148,003,233	147,279,073	530,428,467	1,708,873	92,199,384
Mexico.....	213,305,123	349,387,227	480,161,884	426,680,294	451,913,888	52,127,190	53,113,347
Japan.....	247,135,466	239,557,746	302,666,101	256,202,416	372,743,263	42,949,876	19,505,469
Philippines.....	138,306,473	170,129,430	28,021,071	27,979,720	223,110,753	2,859,434	31,367,061
Taiwan.....	7,242,305	56,660,046	203,755,740	190,121,886	99,408,901	12,129,858	12,766,230
Korea, South.....	137,306	1,266,715	14,179,704	12,828,145	42,934,412	4,110,679	6,263,080
India.....	4,194,536	4,033,315	30,641,767	22,035,720	40,843,568	7,601,382	607,091
Germany.....	140,787,306	28,738,327	38,711,278	36,452,212	38,743,641	2,448,730	4,256,852
Hong Kong.....	15,221,365	4,428,055	757,675	710,479	2,375,448	138,853	1,884,960
Netherlands.....	119,097	129,167	3,744,680	3,740,254	2,176,061	15,727	705,469
Canada.....	8,103,659	1,809,492	1,273,229	1,191,572	1,754,368	199,334	52,564
Singapore.....	283,357	878,185	1,233,251	1,184,672	1,661,207	---	1,647,032
Switzerland.....	73,148	18,710	1,113,101	1,102,380	1,650,270	---	---
Vietnam.....	23,119	---	666,295	666,295	1,166,040	145,489	126,090
Spain.....	918,502	1,727,947	2,523,067	2,407,082	639,170	268,310	---
France.....	423,225	114,826	100,629	100,629	435,779	2,147	12,799
Australia.....	350,414	140,114	115,931	115,931	277,219	---	31,133
United Kingdom.....	134,456	179,876	382,584	344,151	267,967	---	---
Italy.....	222,329	204,800	577,503	535,679	214,622	39,829	---
Portugal.....	954,155	684,058	19,664	19,664	210,826	---	54,995
Belgium.....	29,939	---	149,706	149,706	110,997	---	104,547
Poland.....	29,715	44,933	64,668	64,668	101,137	---	---
Argentina.....	387,310	152,333	282,564	242,199	88,808	---	---
Czech Republic.....	27,840	36,658	64,440	41,100	77,335	41,100	3,361
Austria.....	503,397	78,758	86,370	5,753	75,294	---	3,353
Israel.....	8,550	30,251	7,886	7,886	53,599	---	---
Thailand.....	3,550	17,902	2,706	2,706	53,501	---	---
Sweden.....	17,687,079	15,384,331	15,338,201	15,338,201	42,183	88,405	---
Croatia.....	72,667	---	---	---	39,544	---	---
Norway.....	608,744	152,602	195,637	195,637	19,041	---	---
Turkey.....	431,594	65,475	220,323	200,616	15,675	---	---
Denmark.....	2,532	4,925	133,132	105,855	14,639	11,620	---
Hungary.....	6,260	---	9,332	9,332	10,496	---	---
Russia.....	---	---	---	---	3,074	---	---
South Africa.....	---	---	22,230	22,230	---	22,230	---
Brazil.....	---	---	21,199	21,199	---	---	---
Luxembourg.....	---	---	4,399	---	---	---	---
New Zealand.....	---	---	3,440	3,440	---	---	---
Indonesia.....	5,016	---	2,559	2,559	---	2,559	---
Cyprus.....	---	18,998	---	---	---	---	---
Iceland.....	---	7,526	---	---	---	---	---
Macau.....	5,689	---	---	---	---	---	---
Panama.....	5,450	---	---	---	---	---	---
Benin.....	3,572	---	---	---	---	---	---
ALL COUNTRIES.....	1,026,042,458	1,343,629,042	2,443,336,509	2,135,153,976	4,094,836,127	311,324,733	488,047,197

**Solar Cells & Panels**  
**Imports for Consumption, 2008 to November 2011**  
**C.I.F. Values in US\$**

Country of Origin	Annual 2008	Annual 2009	Annual 2010	YTD 2010	YTD 2011	November 2010	November 2011
<b>HTS 8541406030: SOLAR CELLS, NOT ASSEMBLED INTO MODULES OR MADE UP INTO PANELS</b>							
China.....	5,050,988	12,350,708	38,469,879	31,285,948	144,563,711	5,298,935	14,605,465
Germany.....	31,760,332	41,260,522	47,280,092	39,179,631	78,053,450	5,139,764	252,282
Singapore.....	40,660	30,469	68,019,665	52,722,132	57,585,655	7,425,023	5,775,854
Taiwan.....	169,097,854	56,449,550	73,007,764	66,679,414	36,601,298	5,429,351	189,365
Japan.....	6,249,442	1,578,791	6,131,836	5,945,318	10,109,855	313,008	1,256,471
Korea, South.....	99,835	114,707	8,302,732	8,084,396	6,396,423	929,024	536,694
India.....	214,283	2,392,090	232,301	232,301	2,016,456	2,498	---
Philippines.....	2,545,920	3,962,709	232,519	232,519	2,013,883	---	53,677
Mexico.....	35,105	13,849	1,163,473	1,163,473	738,536	1,072,478	3,614
United Kingdom.....	727,219	566,305	480,502	412,590	617,512	27,866	121,421
Brazil.....	---	---	---	---	554,901	---	---
Hong Kong.....	85,835	28,050	2,188	2,188	309,007	---	---
Netherlands.....	2,162	16,467	28,476	13,028	263,710	6,320	---
Thailand.....	70,597	16,262	---	---	239,213	---	---
Canada.....	209,320	178,693	65,107	65,107	164,996	13,606	45,732
Spain.....	9,455,531	54,910	225,650	215,919	164,969	72,173	---
Malaysia.....	18,663	24,200	101,403	89,743	119,719	---	---
Italy.....	78,579	232,036	23,497	21,256	102,761	10,084	11,747
Turkey.....	---	---	---	---	36,950	---	---
Belgium.....	2,889	224,474	705,062	695,068	28,404	---	---
France.....	6,037	139,519	---	---	27,016	---	---
Denmark.....	---	2,475	---	---	26,640	---	---
Norway.....	2,805	---	---	---	18,390	---	---
Sweden.....	---	121,733	906,102	906,102	15,010	---	---
Switzerland.....	116,845	15,554	45,722	40,392	11,746	---	---
Russia.....	22,972	30,173	11,869	9,405	10,415	---	---
Israel.....	10,291	---	243,417	243,417	8,244	---	3,110
Slovakia.....	---	---	---	---	3,186	---	---
Austria.....	---	33,214	---	---	2,285	---	---
Czech Republic.....	109,255	64,132	2,693,658	2,693,658	---	---	---
Australia.....	21,959	91,550	105,571	105,571	---	---	---
Gabon.....	---	---	23,273	---	---	---	---
Croatia.....	40,612	---	20,447	20,447	---	---	---
Ireland.....	18,356	---	9,273	9,273	---	---	---
Trinidad and Tobago.....	---	21,150	---	---	---	---	---
Vietnam.....	---	4,291	---	---	---	---	---
Hungary.....	4,559	2,575	---	---	---	---	---
Portugal.....	757,830	---	---	---	---	---	---
Cyprus.....	3,184	---	---	---	---	---	---
ALL COUNTRIES.....	226,859,919	120,021,158	248,531,478	211,068,296	340,804,341	25,740,130	22,855,432