Supply Chain of PV Market in Japan

(Published in September 2011)



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This report profiles nine major PV players and provides how they built their supply chain with local partners and establish their position in the market. The **supply chain by major players** is described in charts with the name of the component suppliers, sales companies, sales partners, etc. The **registered companies of Japan Photovoltaic Expansion Center (J-PEC)** are eligible for receiving for the government's subsidy for residential PV systems. **Configuration of residential PV systems** provides the components and suggested retail prices of PV systems and components such as

PV module, power conditioner, support structures, monitoring device, cable, connection unit, booster unit, power detection unit, junction box, etc. The report is a must to build sales strategy in the PV market in Japan. To order, please fill out the order form on the reverse side and send via facsimile or e-mail to order@rts-pv.com.

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- 1 Typical supply chain of residential PV system
- 2 Typical supply chain of non-residential PV system

2.1 Sharp - Other distribution channel										System capacity: 2.0 kV	W Flat ro	of-integrated, for hipp	ed roofs		PV system m	del No.:		
Components Sales company		-sales/ Installati								PVsyst			omponent		Model No.	components	Unit price (JPY)	Total (JPY)
	330	ridow for users		_	_		_	_	_	Total capacity (cells)		PV module	mc-Si	52.5 W/PVM		28	open	open
	(Local hom	Registered manufacture			Typical PV	Certifications	Country of	PV module		Total area (cells)		PV module	mo-Si	38.0 W/PVM		14	open	open
Mono/ multi-crystaline Si PV	# Sharp S	No. (distributor)	Updated information	Link for support	module	(J-PEC registered)	production	manufacturer	Inverters	Total weight (cells)	309 kg	Power conditioner Color power monitor			JH-S1C2 JH-RWZ1		240,450 100,800	240,450 100,800
modules			12011/8/25) Registered as a newly certified		CRM190S125M		_					Cable			SZJC30E	1	100,800	21,420
(Sales subsidiaries)		1 Chaori Solar	nanufacturer	http://www.chaorisolar.net/	72	TÜV Rheinland	China	Chaori Solar				Cable for color power			OLUCUOL .		10,110	21,7420
Share	4	Canadian Solar Inc.	I			VDE, TÜV			Omron, Mitsubishi	SRP		monitor			JH-YM151	1	2.835	2.835
~ /	The same of the sa	Canadian Solar Japan	1	ŀ	CSSA180M	Rheinland	China	csi	Electric (OEM)				$\overline{}$					
Sharp Electronics		CSU() Canadan Solar Inc.	 				-			System capacity: 2.4 kW Roof-		mounted, for gabled roofs			PV system model No.:			
Merketing	- Contract	3 (CSI) (Makitec)			CSSA180M	VDE	China	CSI	Omen							No. of	Unit price	
		EGING .	(2011/6/15) Registered as a newly cedified				-	EGing Photovoltaic		PVsyst			Model No.	components	(JPY)	Total (JPY)		
		⁴ (KUS)	manufacturer	http://www.kis-solar.co.jp/	EGM-185	TÜV Rheinland	China	Technology		Total capacity (cells)		PV module	mc-Si		ND-163AA	15	74,340	1,115,100
Sharp Amendy A		STGW Solar	(2011/5/30) Newly resistered 24 PV modules	http://www.gwsolar.com/JPIndex.a spx	GW120A	TÜV Rheinland	China	GW Solar		Total area (cells)	17.8 m ²		1Ph2W		JH-S1C2 JH-RWZ1	1	240,450 100,800	240,450 100,800
Dystama)	HRD Singapore	(2011/7/13) Newly resistered 2 PV modules	http://www.ichilo.co.jo/nissan/top.h	P188000110	TÜV Rheinland		HRD Singapore		Total weight (cells)	218 kg	Color power monitor Cable			SZ-2S20EP	1	5.880	11,760
	7	(Nppon Industry)	(2011/9/7) Newly resistered 5 PV modules.	emi	PVM000110	JET	singapore	PHID Singapone				Cable for color power			32-2320EF		0,000	11,760
\/	0		i						SANK ILS	SRP		monitor			JH-YM151	1	2.835	2.835
Small inverters		7 Hyundai Heavy Industrie ISANDO	(2011/7/1) Added invener information: SANIX, Omeon, Hyundai (source: SANIX website)	http://sanks.jp/index.html	HS-52005F	TÜV Rheinland	South Koma	Hyundai Heavy	Industrial Systems), Omron.									
Tabilichi Electric							1		Hyundai	System capacity: 2.9 kV	V Roof-	mounted, for gabled r	oofs		PV system me	del No.: LN293	ND163AA	
TERRICINAL AND ADDRESS OF THE PROPERTY OF THE		B JA Sobr (Takashima)	(2011/9/14) Registered as a newly certified	http://www.smilesplar.ip/	JAMS(L)-72-190	TÜV SUD	China	JA Solar	Omeo						No. of	Unit price		
		(Iakanita)	manuscuser	http://www.kis-		+	+	-		PV syst		PV module	omponent		Model No.	components	(JPY)	Total (JPY)
	7144	slos		solar co.jp/inquiry/index.html	ASEC-130G6S	TÜV Rheinland	Talwan	APOLLO SOLAR	No information	Total capacity (cells)	2.93 kW 20.8 m ²		mc-Si 1Ph2W		ND-163AA JH-S1C2	18	74,340 240,450	1,338,120
		10 LIKE Energy	1	http://www.lixil-energy.co.ip/	SLE17SS-24Ads	JET	China	LOCK Energy (manufactured by	Omeo	Total area (cells) Total weight (cells)	20.8 m ⁻	Power conditioner Color power monitor	1Ph2W		JH-S1C2 JH-RWZ1		100.800	100.800
		TOLINE Energy	I	rep./www.sor-energy.co.pr	SLE1/5G-24A00	1 241	China	Surtech)	Umen	rosai weight (cens)	201 Ng	Cable			SZ-2S30EP	2	8,400	16,800
" For and spiny installation parents for uners), therefore of Formes of Red boxes indica-	along the reliable total	LS Industrial Systems	(2011/7/20) Newly resistered 2 PV modules	here./fe, lais, bia/	PVM 5180	TÜV Rheinland	South Kome	LS Industrial Systems	LS Industrial			Cable for color power	er .		OL LUGUET		0,400	10,000
		(LSIS Japan)				-	-		Systems Owno Sakov ii S	SRP	1,699,000 JPY	monitor			JH-YM151	1	2,835	2,835
		LS Industrial Systems (SAND)	I	l	PVM-S175	TÜV Rheinland	South Koma	LS Industrial Systems	Omon, SANIX (LS Industrial Systems)	4								
				i		 	1											
		13 (West Holdings)		http://www.west-gr.co.jp/	LMHSOA	TÜV Rheinland	Talwan	Ligitek Photovoltaic	Ableres Electronics (West Holdings)									

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