



abstract of recent ground-mounted projects

Case studies (German)	http://www.phoenixsolar.de/Kraftwerke/Referenzen/Freilandanlagen/index.html
Case studies (English)	http://www.phoenixsolar.com/SolarPowerPlants/References/Ground-mounted_photovoltaic_systems/

Year	Case study	System name	Commissioning date	Rated system power (kWp)	Contract party	Module type	Inverter type	Location	Country
2010	under construction	Solar park Senftenberg	30.06.2010	18.315	PAM 4 GmbH & Co. KG, PAM 5 GmbH & Co. KG, □PAM	FS275, FS277	SMA SC 630HE-11	Senftenberg	Germany
2010	x	Solar park Moos II	30.06.2010	15.818	MELENA Mobilien-gesellschaft mbH & Co. KG.	PHX 128, 135, FS 275, 277	SMA SC 500/ SC 630	Moos	Germany
2010	under construction	Solar park Jocksdorf	03.05.2010	8.033	FANGANA Mobilienverwaltungs-gesellschaft mbH	FS 275, 277	Xantrex GT 500	Neisse-Maixetal	Germany
2008	x	Solar park La Solana	28.04.2008	6.532	La Solana Solar	PHX 160 V	SMA SC 100 NG	Castilla La Mancha	Spain
2008	x	Solar park Villanueva de la Jara	16.09.2008	5.330	Fotovoltaicas Jara	FS 270, 272, 275, PHX 160	SMA SC 500i-G-HEM	Villanueva de la Jara	Spain
2008	x	Solar park San Clemente	12.09.2008	5.281	San Clemente Solar Project S.L.	FS 270, 272, 275, PHX 160	Xantrex GT 500 E-FS9	San Clemente	Spain
2005	x	Solar park Miegiersbach	30.06.2005	5.250	Ladit Mobilien-gesellschaft	PHX 160	SMA SC 1000 MV	Miegiersbach	Germany
2009	x	Solar park Malching	11.07.2009	4.752	LEMARI Mobilien-Verwaltungs-gesellschaft mbH	FS 272	SMA SC 560	Malching	Germany
2006	x	Solar park Haimhausen I - II	01.07.2006	3.672	Kommunalunternehmen Haimhausen	PHX-160S	SMA SC1000 MV	Haimhausen	Germany
2010	x	Solar park RED GmbH	01.07.2010		Amper Solar	STP 270-24	SMA SC 630 HE-11		
2007	x	Solar park RED GmbH	28.09.2007	2.950	RED GmbH	FS 265	SMA SC 350i-G-HEM,500	Longuich	Germany
2010	x	Solarni Park Tesárske Mlýňany	04.11.2010	2.200	PV Tesárske Mlýňany s.r.o.	FS-275	SMA 500 HE-11	Tesáre nad Žitavou	Slovakia
2006	x	Solar park Althegnenberg	22.12.2006	2.200	JAMUR Mobilien-gesellschaft mbH & Co. KG	FS 265	SMA SC 500 HE	Althegnenberg	Germany
2006 - 2008	x	Solar park Rickelshausen I - III	19.12.2008 28.07.2007 28.12.2006	2.146	GLS Energie AG GLS Energie AG Solarcomplex GmbH & Co. KG	FS 270, FS 275 FS 265 FS 260, FS 262, FS 265, FS 267	SMA SC 500 MV SMA SC500 HEM SMA SC 500	Rickelshausen	Germany
2007	x	Solar park Sulzemoos	19.12.2007	1.814	KG Allgemeine Leasing GmbH	FS 272	SMA SC 500, SC 250	Sulzemoos	Germany
2006	x	Solar park Schmelchen	21.12.2006	1.745	Alto Solar GmbH & Co. KG	FS 267,270,272	SMA SC 350, 500	Altomünster	Germany
2010	x	Solar park Le Lauzet 2	23.07.2010	1.545	E.on Climate & Renewables GmbH	TSM 225, TSM 230	Xantrex GT100E	Le Lauzet	France
2008	x	Solar park Nottuln	18.11.2008	1.219	Gemeinde Nottuln	FS 272	SMA SC 500i-G-HEM	Nottuln	Germany
2006	x	Solar park Röhm	21.12.2006	1.057	Peter Röhm	PHX 162	SMA SC 500	Mietingen-Baltringen	Germany
2010		Solar park Preschen	23.12.2010	10.044	RAGNA Mobilienverwaltungs-gesellschaft mbH	FS 277	Xantrex GT 500 E-FS9	Preschen	Germany
2008		Solar park Blanca	23.10.2008	6.604	Phoenix Solar S.L.	FS 272 PHX-210 TSM-220PC05 TSM-210PC05	SMA SC 500 HE	Blanca	Spain
2008		Solar park Hasborn I	18.12.2008	5.605	Kenric Mobilien-gesellschaft mbH & Co. KG	PHX 160 V	SMA SC 560	Trier	Germany
2009		Solar park Hasborn II	11.12.2009	696	Kenric Mobilien-gesellschaft mbH & Co. KG	FS 275	SMA SC 630 HE	Trier	Germany
2009		Solar park Kenn	09.07.2009	5.838	Solkraftwerk Kenn GmbH	FS 275	SMA SC 560/ SC 630	Longuich	Germany
2010		Solar park Bitburg	22.06.2010	5.605	SWT Erneuerbare Energien GmbH & Co. KG	FS 277	SMA SC500-HE 11	Bitburg-Irsch	Germany
2010		Solar park Buchschwabach I	08.07.2010	4.460	Buchschwabach Solar GbR	TSM-230/235PC05	SMA SC 630 HE/SC 500 HE	Buchschwabach	Germany
2007		Solar park Königsbrück	20.12.2007	4.440	Renenco AG	FS 265	Xantrex GT 500 E-FS9	Königsbrück	Germany
2009		Solar park Bolzhausen	23.12.2009	4.152	Martini Solarpark Bolzhausen GmbH & Co. KG	FS 275	SMA SC 630 HE/SC 500 HE	Bolzhausen	Germany
2010		Solar park Kinderbeuren III	28.04.2010	3.778	LHI Solar Deutschland II GmbH & Co.KG	FS 275, 277	SMA SC 500/SC 630	Kinheim - Sengwald	Germany
2007		Solar park Greding	20.12.2007	3.540	Palmis Energie AG	FS 270 FS 272 FS 275	Xantrex GT 500 E-FS9	Greding	Germany
2009		Solar park Niederöfflingen II	23.12.2009	3.240	SADAK GmbH	FS 275	SMA SC 630 HE	Niederöfflingen	Germany
2009		Solar park Wiedergeltingen	11.12.2009	3.162	poli oreo Geschäfts-führungs GmbH	FS 275	SMA 560 HE / SMA 630 HE	Wiedergeltingen	Germany
2008		Solar park Riold	20.11.2008	3.057	Renenco AG	FS 272 FS 275	SMA SC 560i-G-HEM	Riold	Germany
2009		Solar park Türkenfeld	27.05.2009	3.024	Solarpark Türkenfeld GmbH & Co. KG	FS 275	SMA SC 560	Fürstenfeldbruck	Germany
2009		Solar park Unterhaselbach	09.12.2009	2.888	Poli oreo Geschäfts-führungs GmbH	FS 275	SMA 560 HE	Unterhaselbach	Germany
2008		Solar park Iznalloz	23.10.2008	2.860	AES Solar	FS 272, 275	Xantrex GT 100	Iznalloz	Spain
2009		Solar park Hohenzell	16.07.2009	2.726	Solarpark Hohenzell GmbH & Co.KG	FS 275	SMA SC 560	Hohenzell	Germany
2009		Solar park Effeldorf	10.12.2009	2.535	Effeldorf Solar GmbH & Co.KG	FS 275	SMA SC 630 HE	Dettelbach	Germany
2009		Solar park Gallmersgarten II	15.12.2009	2.460	poli oreo Geschäfts-führungs GmbH	FS 275		Würselen	Germany
2006		Solar park Buchheim 22	01.09.2006	2.234	JAMUR Mobilien-gesellschaft mbH & Co. KG	FS 265	SMA SC 1000 MV	Buchheim	Germany

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Year	Case study	System name	Commissioning date	Rated system power (kWp)	Contract party	Module type	Inverter type	Location	Country
2010		Solar park Fellerhof	23.06.2010	2.207	SWT Erneuerbare Energien GmbH & Co.KG	FS 277	SMA SC500-HE 11	Fell	Germany
2007		Solar park Jumilla 2	13.02.2008	2.163	Phoenix Solar S.L.	FS 270	SMA SC 500 HE	Jumilla	Spain
2008		Solar park Buttenwiesen II	18.09.2008	2.088	GP Solarpark 2 GmbH & Co KG	FS 275	SMA SC500i-G-HE	Buttenwiesen	Germany
2008		Solar park Alhama	23.10.2008	1.880	AES Solar	FS 272	Xantrex GT 100	Alhama	Spain
2008		Solar park Gallmersgarten	18.12.2008	1.670	mfs mainfrankenSolar11 GmbH & Co KG	FS 272	Xantrex GT 500 E	Gallmersgarten	Germany
2006		Solar park Buchheim 21	01.08.2006	1.670	mfs mainfrankenSolar 3 GmbH & Co. KG	FS 265	SMA SC 500	Burgbernheim-Buchheim	Germany
2007		Solar park Salching	20.03.2008	1.656	Palmis Energie AG	FS 270 FS 272 FS 275	Xantrex GT 500 E-FS9	Salching	Germany
2007		Solar park Grubhof	23.06.2008	1.639	Solana Solar GmbH & Co.KG	FS 272	Xantrex GT500	Grubhof	Germany
2009		Solar park Kehl Münz	30.12.2009	1.485	Solarpark Kehl Münz GmbH & Co.KG i.G.	FS 275		Kehl Münz	Germany
2006		Solar park Toledo	01.10.2006	1.400	TSK Electronica y Electricidad S.A.	MHI, MAT2	SC 100 LV Outdoor	Gijon	Spain
2010		Solar park Burgstädt	23.12.2010	1.417	Apollon GmbH & Co. KG PVA Alpha KG	STP-205	SMA SC 630 HE-11	Burkersdorf	Germany
2009		Solar park Nuppling	23.09.2009	1.279	VEXX Energy Invest 2 GmbH & Co. KG	FS 275		Triftern	Germany
2008		Solar park Es Llobets Mallorca	29.07.2008	1.270	Phoenix Solar S.L.	FS 270	Xantrex GT 100	Es Llobets Mallorca	Spain
2007		Solar park Sunfund	31.12.2007	1.123	Phoenix Solar S.L.	STP160S-24	Xantrex GT 100 E-FS9	Alcoleo de Tajo Sunfund	Spain
2007		Solar park Eppenschlag	21.12.2007	1.117	MSG Naturenergie GmbH	FS 272	Xantrex GT 500 E-FS9	Eppenschlag	Germany
2008		Solar park Ataquines	31.07.2008	1.090	Phoenix Solar S.L.	MHI MA100T2	Fronius IG 400	Ataquines	Spain
2009		Solar park Messkirch	11.09.2009	1.088	Solarcomplex AG	FS 275	SMA SC 500 HE	Messkirch	Germany
2008		Solar park Walldorf	20.05.2008	1.088	Stadtwerke Walldorf GmbH	FS 272	SMA SC 500i-G-HEM	Walldorf	Germany
2007		Solar park Reußenköge	28.09.2007	1.080	GP Solarpark I GmbH & Co. KG	FS 260,262,265, 267, 270	SMA SC 350i-G-HEM	Reußenköge	Germany
2006		Solar park Gosheim	01.05.2006	1.079	mfs mainfrankenSolar 5 GmbH & Co. KG	FS 265	SMA SC 500 HE	Donauwörth-Gosheim	Germany
2008		Solar park Bobingen	27.11.2008	1.065	d+s solarpark Gbr	FS 275	SMA SC 500	Bobingen	Germany
2008		Solar park Högel	31.07.2008	1.065	Solarpark Högel GmbH	FS 272	SMA SC500i-G-HEM	Högel	Germany
2008		Solar park Kinderbeuren	26.11.2008	1.067	Quarte Beteiligungs GmbH & Co	FS 272,275	SMA SC 500/560 HE	Kinderbeuern	Germany
2009		Solar park Kirchdorf	18.12.2009	1.050	GWS Aktiengesellschaft für Wärme und Strom	FS 272	SMA SC 500 HE	Kirchdorf a.d.Iller	Germany
2007		Solar park Jumilla 1	31.10.2007	1.050	Phoenix Solar S.L.	FS 267	SMA SC 100	Jumilla	Spain
2008		Solar park Moos	20.03.2008	1.049	mfs oberlandSolar7 GmbH & CO. KG	FS 267	Xantrex GT 500 E-FS9	Moos	Germany
2009		Solar park Fisch	28.12.2009	1.038	LHI Solar Deutschland II GmbH & Co.KG	FS 275	SMA SC500	Fisch	Germany
2005		Solar park Reußenköge	15.12.2005	1.037	GP Solarpark GmbH	FS 260	Fronius IG 500	Reußenköge	Germany
2005		Solar park Buchheim 1	23.12.2005	1.023	mfs GmbH Veitshöchheim	FS 257,260,262,265	SMA SC 125 LV	Buchheim	Germany
2004		Solar park Buttenwiesen 1	01.10.2004	1.005	Beteiligungsanl.	MHI MA100	SINVERT solar	Buttenwiesen	Germany
2010		Solar park Elpo	21.12.2010	1.000	Elpo s.r.l.	FS 275	SMA SC 500 HE	Rossano Veneto	Italy
2010		Solar park Sole Salento	25.03.2010	996	Solesolento srl	FS 275	SMA SC 1000 MV	Novoli	Italy
2008		Solar park Pontoiraklia	01.08.2008	980	Frontgate Commercial Ltd.	PHX 160 V	Xantrex GT 500 HV	Pontoiraklia	Greece
2008		Solar park Ramsklinge	06.10.2008	855	Röhm Sonnenpark Ramsklinge GmbH & Co. KG	FS 275	SMA SC 560 HE, SC 250 HE	Ramsklinge in Filderstadt	Germany
2010		Solar park Jumilla 3	19.02.2010	264	Phoenix Solar S.L.	FS267, 270		Jumilla	Spain
2010		Solar park Solinari	21.06.2010	100	Jada Energy OE	STP280-24/Vd	SMA STP 17000TL-10	Aliartos, Viotia	Greece
2010		Solar park Halvades	21.06.2010	100	Photoelectron OE	STP280-24/Vd	SMA STP 17000TL-11	Koronia, Viotia	Greece
2010		Agios Dimitrios	26.11.2010	150	A. X. Energiaki	STP280	SMA, STP 17000-TL-10	Avlona	Greece
2010		Ligia	29.09.2010	100	Georgakopoulos Georgios & SIA EE	STP280	SMA, STP 15000-TL-10	Ilia	Greece
2010		Korovesi	29.09.2010	100	Kritsimas Georgios & SIA EE	STP280	SMA, STP 15000-TL-10	Ilia	Greece
2010		Zervou Aloni	26.10.2010	80	Minos Solar Energy EE	STP280	SMA, STP 17000-TL-10	Crete	Greece
2010		Lagos	17.08.2010	80	Minos Solar Energy EE	STP280	SMA, STP 17000-TL-10	Crete	Greece
2010		Agioi Deka	19.11.2010	80	Minos Solar Energy EE	STP280	SMA, STP 17000-TL-10	Crete	Greece
2010		Zervou Aloni	26.10.2010	80	Kriti Energy EE	FS275	SMA, STP 17000-TL-10	Crete	Greece
2010		Lagos	17.08.2010	80	Kriti Energy EE	FS275	SMA, STP 17000-TL-10	Crete	Greece
2010		Agioi Deka	27.10.2010	80	Kriti Energy EE	FS275	SMA, STP 17000-TL-10	Crete	Greece
2010		Kelaidi	17.08.2010	80	Emmanouil Iatrakis & SIA OE	FS275	SMA, STP 17000-TL-10	Crete	Greece
2008		Solar park E3	01.05.2008	49	Enel	First Solar		Taranto	Italy
2009		Solar park Paleokamariza	01.11.2009	20	WRE Hellas SA	SANYO210 / STP280 / FS 275		Lavrio	Greece
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Phoenix Solar references

abstract of recent redevelopment & landfill site projects

Case studies (German)http://www.phoenixsolar.de/Kraftwerke/Referenzen/Freilandanlagen/#_category1

Case studies (English)http://www.phoenixsolar.com/SolarPowerPlants/References/Ground-mounted_photovoltaic_systems/#_category1

Year	Case study	System name	Commissioning date	Rated system power (kWp)	Contract party	Module type	Inverter type	Location	Country
2010	under construction	Solar park Jocksdorf	03.05.2010	8.033	FANGANA Mobilienvverwaltungsgesellschaft mbH	FS 275, 277	Xantrex GT 500	Neisse-Maixetal	Germany
2006 - 2008	x	Solar park Rickelshausen I - III	19.12.2008 28.07.2007 28.12.2006	2.146	GLS Energie AG GLS Energie AG Solarcomplex GmbH & Co. KG	FS 270, FS 275 FS 265 FS 260, FS 262, FS 265, FS 267	SMA SC 500 MV□SMA SC500 HEM□SMA SC 500	Rickelshausen	Germany
2010		Solar park Preschen	23.12.2010	10.044	RAGNA Mobilienvverwaltungsgesellschaft mbH	FS 277	Xantrex GT 500 E-FS9	Preschen	Germany
2007		Solar park Königsbrück	20.12.2007	4.440	Renerco AG	FS 265	Xantrex GT 500 E-FS9	Königsbrück	Germany
2008		Solar park Ramsklinge	06.10.2008	855	Röhm Sonnenpark Ramsklinge GmbH & Co. KG	FS 275	SMA SC 560 HE, SC 250 HE	Ramsklinge in Filderstadt	Germany
2009		Solar park Orlen	01.06.2009	600		FS-270	SMA SC 560I-G-HEM	Orlen	Germany
				26.118					

Phoenix Solar references



abstract of recent roof-mounted & carport projects

Case studies (German) http://www.phoenixsolar.de/Kraftwerke/Referenzen/Dachanlagen_Referenzen/index.html

Case studies (English) http://www.phoenixsolar.com/SolarPowerPlants/References/Roof-integrated_photovoltaic_systems

Year	Case study	System name	Commissioning date	Rated system power (kWp)	Contract party	Module type	Inverter type	Location	Country
	under construction	Carport Piadena	29.12.2010	5.886	CIC PV Italia Piadena Sas di CIC Italia Srl & C.	SOLARWATT M220-60 GET AK SOLARWATT M250-60 GET AK SOLARWATT P210-60 GET AK	SMA Sunny Central 630HE-11	Piadena	Italy
2008	x	EvoBus	18.12.2008 (Part 1) 05.03.2009 (Part 2)	2.326	SWU Energie GmbH	STP175S-24/Ac PHX-160T/NF	SMA SC 560 / 500	Ulm	Germany
2010	under construction	Brewery Rapp	09.12.2010	991	Georg und Ruppert Rapp	SUNTECH STP200-18/Du	Power-One Aurora PVI-165.0 / PVI-110.0 / PVI-220.0	Kutzenhausen	Germany
2010	under construction	Martini	22.12.2010	340	Martini Park Augsburg	SUNTECH STP200-18/Du	SMA SUNNY TRIPOWER 15000TL / 17000TL	Augsburg	Germany
2002	x	Trade Fair Munich	01.12.2002	1.058	6 x Phoenix Solar Fonds Verwaltung GmbH & Co.KG	Siemens SP140 Laminat	SINVERT solar	Munich	Germany
2010	x	Photovoltaic parking lot	12.12.2009	998	MW Solar Consulting GmbH	Suntec STP 270	SMC 7000TL / SMC 10000TL	Berlin	Germany
2007	x	Sturm	29.06.2007	967	Sturm Holding GmbH	FS 265	Fronius IG 500, IG 400	Salching	Germany
2010	x	AMAT Singapore Operations Centre	01.04.2010	400	Applied Materials South East Asia Pte Ltd	SunFilm 460 & 470 EST 460, 470, 480 Sol	SMC7000HV, SB2500, SB1700	Singapore	Singapore
2007	x	Keller	01.06.2007	327	Keller Grundstücksverwaltungs GmbH & Co. KG	MSK QEI 170 W 19	SAM SMC 7000	Kirchheim	Germany
2006	x	Sägewerk Anton Ziegenaus	01.05.2006	285	Anton Ziegenaus	FS 265	Fronius IG 400, Fronius IG 500, Fronius IG 60, Fronius IG 40, F	Schiltberg	Germany
2005	x	Spedition Schwaab	01.06.2005	259	Schwaab Grundbesitz GmbH & Co.KG	FS 275	SMA SC 200, Fronius IG 60	Langweid	Germany
2010	x	Changi Airport Budget Terminal	01.02.2010	250	Changi Airport Group	REC220, FSLR275	SMC11000TL	Singapore	Singapore
2010	x	Azienda Agricola Pedrazzoli	01.06.2010	200	Elletrotecnica F.lli Vanini	Schott Solar ASI 100	Fronius IG Plus 120, Fronius IG Plus 150	Mantova	Italy
2010		Spedition Schwaab II	12.05.2010	426	Schwaab Grundbesitz GmbH & Co.KG	FS 275	SMA SC 200 HE	Langweid	Germany
2009		REC Wafer	19.11.2009	300	REC Wafer Pte Ltd	REC220AE	SMC10000TL, SMC11000TL	Singapore	Singapore
2009		Lonza Biologics	09.07.2009	181	Lonza Biologics (Tuas) Pte Ltd	REC225AE & Solar-Fabrik SF130/2	SMC7000TL, SMC11000TL	Singapore	Singapore
2010		ixmation	13.09.2010	170	ixmation Sdn Bhd	Solyndra SL182, SL191, SL173	SMA STP17000TL, SMA STP15000TL, SMA SMC6000A	Penang	Malaysia
2009		EdilCase Edificio & Commerciale	06.05.2009 19.02.2009	122	Acea	Schott Solar ASE165-GT-FT/MC	SMA SB3300 & SMA SMC6000A-IT	Roma	Italy
2008		Raccorderie TAA	19.12.2008	120	Enel	FS-272	SMA SMC6000A-IT SMA SB3800-IT	Inverio	Italy
2009		Tampines Grande	31.07.2009	101	City Developments Ltd	STP250	SMC7000TL, 10000TL, 11000TL, 7000HV	Singapore	Singapore
2009		Cil Gnatelli	08.04.2009	100	Enel	STP260-24/VB	Fronius IG400	Treccate	Italy
2010		Michele Alfano	11.08.2010	83	ACEA	FS 272	SMA SMC7000HV, SMC6000A	Rome	Italy
2008		Decathlon	01.04.2008	81	Enel	Mitsubishi Electric		Molfetta	Italy
2008		Difast	01.05.2008	56	Enel	PHX 90+Schott asi		Bari	Italy
2008		Pasam	01.10.2008	48	Enel	Mitsubishi Electric		Siracusa	Italy
2009		Hatzivasiliadis	01.12.2009	7	Hatzivasiliadis	SANYO HIP 215NKH5		Glyfada	Greece
				10.195					