



## Reference List *Referenzliste*

Three-phase high-voltage generators  
for hydropower plants

*Drehstrom-Hochspannungsgeneratoren  
für Wasserkraftanlagen*

hydroelectric power station Wasserkraftanlage	type	design Bauform	quantity Anzahl	generator data power (MVA)	frequency (Hz)	voltage (kV)	rated speed/ runaway speed (rpm)	country Land	year of manufacture Lieferjahr
Wendefurth	DWH 277-24	horizontal	2	50	50	10.5	250/485	Germany	2012-2013 Rehabilitation/ Aufarbeitung
PSW Goldisthal	asynchronous- motor-generator with direct inverter (mit Direktumrichter) Rvs 635/18-445 *)	vertical	2	312	50	18.0	300-346.6	Germany	2000-2002
PSW Goldisthal	synchronous-motor- generator with static excitation system (stat. Erregereinrichtung) Ssv 675/18-340 *)	vertical	2	331	50	18.0	333.3	Germany	2000-2002
Thvera Iceland	DRAGX 7130-10W	horizontal	1	2,7	50	6,6	600	Iceland	2001
Theodoriana Greece	DRAGX 5023-4W	horizontal	1	1,5	50	6,0	1500	Greece	2000
Hepp Pamukova Turkey	DRKGX 8030-8W	horizontal	3	3,7	50	6,3	750 / 2250	Turkey	2000
Bad Abbach	ERKBX 1148-4W	horizontal	1	4.5	16 <sup>2</sup> / <sub>3</sub>	6.6	500/1531	Germany	1999
Batmann Hepp	DRKGX 2128-12W	horizontal	1	7.0	50	6.3	500/950	Turkey	1998
Türkheim	DRAHX 2913-32W	Vertical	1	2.0	50	6.0	187/	Germany	1997
Gerlachshausen	DRAHX 3917-48W	vertical	1	3.4	50	1.9	125/354	Germany	1997
Kyröskoski	DRKHY 3935-28W	vertical	1	14,0	50	10.5	214/550	Finland	1997

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Myllykoski	DRKGY 1057-8W	horizontal	2	13.5	50	10.5	750/2240	Finland	1997
Schmirn	DRFYX 2520-16W	horizontal	1	4,7	50	6.3	375/690	Austria	1997
Äetsä	DRKGX 8045-8W	horizontal	2	8.2	50	6.6	750/2140	Finland	1996
Rappbode	DRFGX 8036-8W	horizontal	1	4.5	50	6.3	750/1400	Germany	1996
Rappbode	DRAHW 7114-8U	vertical	1	1.1	50	0.4	750/1576	Germany	1995
Saarkraftwerk Saarbrücken	DRKGX 7133-8W	horizontal	1	2.8	50	10.5	750/2150	Germany	1994
Klosterbuch	DRAGZ 4018-8U	horizontal	1	0.4	50	0.4	750/2100	Germany	1994
Klosterbuch	DRAGZ 5023-8UB	horizontal	1	1.0	50	0.4	750/2100	Germany	1994
Weidachmühle	DRAHW 5023-8U	vertical	1	1.02	50	0.4	750/2540	Germany	1994
Mooshausen	DRAHW 4516-8U	vertical	1	0.45	50	0.4	750/2160	Germany	1994
Chin Chute	DGKHZ 3535-24W	vertical	1	13	60	13.8	300/545	Canada	1993
Raymond	DGKHZ 4330-24W	vertical	1	22.81	60	13.8	300/697	Canada	1993
Socorridos Madeira	DRFGX 2522-8W	horizontal	3	10	50	6.6	750/1400	Portugal	1993
Catalan	DGKHZ 7548-36W	vertical	3	65	50	13.8	167/390	Turkey	1991/92
Kraftwerk Hemfurth	DGKHY 3535-24W	vertical	2	12.5	50	10.5	250/510	Germany	1993/94
Kraftwerk Hilpoltstein	DRFHX 2912-18W	vertical	1	3.3	50	6.3	333/615	Germany	1993/94
Wendefurth	DWH 277-24	horizontal	2	50	50	10.5	250/485	Germany	1967

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Hohenwarte II	DWHV 255-14	vertical	8	50	50	10.5	428/700	Germany	1965/66
Hohenwarte I	DWHV 293-36	vertical	2	28.6	50	10.5	167/350	Germany	1959
Niederwartha	DWH 255-16	horizontal	4	31.5	50	10.5	375/710	Germany	1955-58
Niederwartha	DG 259-16	horizontal	2	25	50	10.5	375/710	Germany	1929  Rehabilitation/ Aufarbeitung 1960