

Ratings, types and voltages

Supply units

$U_N = 400$ V (range 380 to 415 V). The power ratings are valid at nominal voltage 400 V (5.5 to 3788 kVA).

Drive type	Frame size	Nominal ratings				No over-load use	Light overload use		Heavy-duty use		Noise level (dBA)	Heat dissipation (kW)	Air flow (m³/h)	
		I _N AC (A)	I _N DC (A)	I _{max} DC (A)	S _N (kVA)		P _N DC (kW)	I _{Ld} DC (A)	P _{Ld} DC (KW)	I _{Hd} DC (A)				P _{Hd} DC (kW)
IGBT supply modules (ISU), ACS880-204														
ACS880-204-008A0-3	R1i+WFU-01	8	9.7	12.6	5.5	5.5	9.3	5.3	7.3	4.1	47	0.22	24	
ACS880-204-0018A-3	R2i+WFU-02	18	22	28	12	12	21	12	16	9	39	0.5	48	
ACS880-204-0035A-3	R3i+WFU-11	35	42	55	24	24	41	23	32	18	63	0.97	63	
ACS880-204-0050A-3	R3i+WFU-21	50	61	79	35	34	58	33	45	26	71	1.39	200	
ACS880-204-0093A-3	R4i+WFU-22	93	113	147	64	64	108	61	84	48	70	2.58	290	
ACS880-204-0210A-3	R6i+ALCL-05-5	210	255	331	145	144	244	138	190	108	72	4.1	1150	
ACS880-204-0420A-3	R8i+BLCL-13-5	423	513	667	293	290	492	279	384	217	72	9.2	2200	
ACS880-204-0580A-3	R8i+BLCL-13-5	576	698	908	399	395	670	379	522	296	72	12	2200	
ACS880-204-0810A-3	R8i+BLCL-15-5	810	982	1277	561	556	943	533	735	416	72	17.5	2200	
ACS880-204-1130A-3	2×R8i+BLCL-24-5	1125	1364	1773	779	772	1309	741	1020	577	74	21.5	4100	
ACS880-204-1330A-3	2×R8i+BLCL-24-5	1332	1615	2100	923	914	1550	877	1208	683	74	24	4100	
ACS880-204-1580A-3	2×R8i+BLCL-25-5	1584	1921	2497	1097	1086	1844	1043	1437	813	74	31.8	4100	
ACS880-204-2350A-3	3×R8i+2×BLCL-24-5	2349	2848	3703	1627	1611	2734	1547	2130	1205	76	47.1	6900	
ACS880-204-3110A-3	4×R8i+2×BLCL-25-5	3105	3765	4894	2151	2130	3614	2045	2816	1593	76	63.1	8200	
ACS880-204-4620A-3	6×R8i+3×BLCL-25-5	4617	5598	7278	3199	3167	5374	3040	4187	2369	78	94.6	12300	
Regenerative rectifier units (RRU), ACS880-904														
ACS880-904-0600A-3	1xR8i + BL-15-5	600	727	955	416	393	698	377	544	294	72	8.4	2200	
ACS880-904-0900A-3	1xR8i + BL-15-5	900	1091	1433	624	589	1048	566	816	441	72	12.9	2200	
ACS880-904-1180A-3	2xR8i + BL-25-5	1180	1431	1879	818	773	1374	742	1070	578	74	15.7	4100	
ACS880-904-1770A-3	2xR8i + BL-25-5	1770	2146	2818	1226	1159	2060	1113	1605	867	74	25.2	4100	
ACS880-904-2310A-3	4xR8i + 2xBL-25-5	2310	2801	3678	1600	1512	2689	1452	2095	1131	76	31.5	8200	
ACS880-904-3460A-3	4xR8i + 2xBL-25-5	3460	4195	5509	2397	2265	4027	2175	3138	1695	76	50.4	8200	
Diode supply modules (DSU), ACS880-304														
6-pulse diode ¹⁾														
ACS880-304-0080A-3+A003	D6D	80	98	137	55	53	94	51	78	42	62	0.8	370	
ACS880-304-0170A-3+A003	D6D	173	212	297	120	114	203	110	170	92	62	1.3	370	
ACS880-304-0330A-3+A003	D7D	327	400	561	227	216	384	208	320	173	62	2	720	
ACS880-304-0490A-3+A003	D7D	490	600	840	339	324	576	311	480	259	62	3	720	
ACS880-304-0650A-3+A003	D8D	653	800	1120	452	432	768	415	640	345	65	4.5	900	
ACS880-304-0980A-3+A003	D8D	980	1200	1680	679	648	1152	622	960	519	65	6	900	
ACS880-304-0650A-3+A018	D8T	653	800	1120	452	432	768	415	598	323	72	4.6	1300	
ACS880-304-0980A-3+A018	D8T	980	1200	1680	679	648	1152	622	898	485	72	6.6	1300	
ACS880-304-1210A-3+A018	2×D8T	1215	1488	2083	842	804	1428	771	1113	601	74	9.2	2600	
ACS880-304-1820A-3+A018	2×D8T	1823	2232	3125	1263	1205	2143	1157	1670	902	74	13.3	2600	
ACS880-304-2730A-3+A018	3×D8T	2734	3348	4687	1894	1808	3214	1736	2504	1352	76	19.9	3900	
ACS880-304-3640A-3+A018	4×D8T	3645	4464	6250	2525	2411	4285	2314	3339	1803	76	26.6	5200	
ACS880-304-4560A-3+A018	5×D8T	4557	5580	7812	3157	3013	5357	2893	4174	2254	77	33.3	6500	
ACS880-304-5470A-3+A018	6×D8T	5468	6696	9374	3788	3616	6428	3471	5009	2705	78	40	7800	
12-pulse diode ¹⁾														
ACS880-304-0910A-3+A004+A018	2×D7T	912	1116	1562	632	625	1071	600	835	467	74	8.4	1800	
ACS880-304-1210A-3+A004+A018	2×D8T	1215	1488	2083	842	833	1428	800	1113	623	74	9.2	2600	
ACS880-304-1820A-3+A004+A018	2×D8T	1823	2232	3125	1263	1250	2143	1200	1670	935	74	13.3	2600	
ACS880-304-2430A-3+A004+A018	4×D8T	2430	2976	4166	1684	1667	2857	1600	2226	1247	76	18.4	5200	
ACS880-304-3640A-3+A004+A018	4×D8T	3645	4464	6250	2525	2500	4285	2400	3339	1870	76	26.6	5200	
ACS880-304-5470A-3+A004+A018	6×D8T	5468	6696	9374	3788	3750	6428	3600	5009	2805	78	40	7800	