



SMM 【DC-AC】 Single motor drive module, forced air cooling, ACS880, 380V, 690V
Three-phase input $U_n = 400V(380-500V)$ The rated power is valid when the voltage is 400V (55-132-560-2800kW) * According to the rated and peak load current selection

Nominal ratings			Light-overload		Heavy-duty		Permissible	Heat	Air flow	Model Number	Auxiliary power (DC-link 400V/500V Submodule)	Frame size (mm)
P_n kW	I_n A	I_{max} A	I_{150} A	P_{150} kW	I_{90} A	P_{90} kW	dB(A)	W	m³/h			
1.5	3.3	4.1	3.1	1.5	2.4	0.75	45	50	25	ACS880-01B-03A3-3-SMM	24V4.5W	U1 (45-132- H400 D3200)
2.2	5.6	6.8	5.3	2.2	4.0	1.5	45	75	30	ACS880-01C-05A6-3-SMM	24V4.5W	
4.0	9.5	12	8.8	4.0	5.6	2.2	45	97	40	ACS880-01D-09A8-3-SMM	24V4.5W	
5.5	12.9	16	12	5.5	9.4	4.0	45	172	50	ACS880-01E-12A6-3-SMM	24V4.5W	
7.5	17	21	17	7.5	13	5.5	45	210	55	ACS880-01F-017A-3-SMM	24V4.5W	
11	25	30	24	11	17	7.5	45	325	60	ACS880-01G-025A-3-SMM	24V4.5W	
15	32	42	32	15	25	11	57	500	100	ACS880-01H-032A-3-SMM	24V4.5W	
18.5	38	54	37	18.5	32	15	57	550	125	ACS880-01J-038A-3-SMM	24V4.5W	
22	45	64	45	22	38	18.5	57	600	145	ACS880-01K-045A-3-SMM	24V4.5W	
30	61	78	58	30	45	22	59	890	200	ACS880-01N-061A-3-SMM	24V5.5W	U2 (132-160- H400 D3000)
37	72	104	71	37	61	30	59	1514	250	ACS880-01P-072A-3-SMM	24V5.5W	
45	87	122	85	45	75	37	59	1540	290	ACS880-01R-087A-3-SMM	24V5.5W	
55	115	148	110	55	91	45	59	1250	320	ACS880-022-115A-3-SMM	24V5.5W	
75	145	179	143	75	112	55	59	1440	340	ACS880-023-145A-3-SMM	24V5.5W	
90	182	247	178	90	150	75	67	1940	400	ACS880-024-182A-3-SMM	24V5.5W	
110	226	287	212	110	184	90	67	2200	500	ACS880-026-226A-3-SMM	24V7.5W	U3 (160-220- H400 D3200)
132	248	350	241	132	225	110	67	3000	650	ACS880-027-248A-3-SMM	24V7.5W	
160	293	438	293	160	266	132	68	3850	680	ACS880-072-293A-3-SMM	220V1A	
200	363	498	350	200	330	160	68	4100	700	ACS880-073-363A-3-SMM	220V1A	
250	487	545	450	250	387	200	68	4600	720	ACS880-074-487A-3-SMM	220V1A	
280	546	628	526	280	480	250	68	5100	950	ACS880-083-546A-3-SMM	220V2A	R8 (160-250- H400 D4000)
315	624	718	615	315	546	280	68	5780	1100	ACS880-084-624A-3-SMM	220V2A	
400	790	874	727	400	548	315	68	6250	1200	ACS880-085-790A-3-SMM	220V2A	
450	865	1080	800	450	675	355	68	7800	1350	ACS880-086-865A-3-SMM	220V2A	
560	1090	1295	1000	560	878	450	68	8825	1580	ACS880-087-109A-3-SMM	220V2A	
630	1140	1482	1072	630	915	500	68	9430	2000	ACS880-093-114A-3-SMM	220V3A	R9 (250-280- H400 D5000)
710	1250	1630	1200	710	1070	560	68	10560	2400	ACS880-093-125A-3-SMM	220V3A	
800	1480	1930	1421	800	1170	630	72	14800	3800	ACS880-094-148A-3-SMM	220V3A	
1000	1700	2120	1580	1000	1318	800	74	17500	4200	ACS880-095-170A-3-SMM	220V3A	
1200	2210	2880	2122	1200	1653	900	75	30700	5200	ACS880-3R95-2210A-3-PSMM+PCU+PL	3xR8	
1400	2610	3140	2506	1400	1952	1000	76	35000	5200	ACS880-3R97-2610A-3-PSMM+PCU+PL	3xR8	
1600	3450	4140	3312	1600	2581	1400	76	37000	6100	ACS880-3R97-3450A-3-PSMM+PCU+PL	4xR8	
2400	4200	5150	4118	2400	3209	1800	77	48000	6200	ACS880-3R95-4200A-3-PSMM+PCU+PL	3xR9	
2800	5130	6160	4925	2800	3837	2000	78	57000	7300	ACS880-3R95-5130A-3-PSMM+PCU+PL	4xR9	

Three-phase input $U_n = 690V(525-690V)$ The rated power is valid when the voltage is 690V (45-132-630-4000kW)

45	49	71	47	45	42	37	59	1120	290	ACS880-032-049A-6-SMM	24V6.5W	U3 (160-220- H400 D3200)
55	61	84	58	55	49	45	59	1295	320	ACS880-033-055A-6-SMM	24V6.5W	
75	84	124	80	75	61	55	59	1440	340	ACS880-034-080A-6-SMM	24V6.5W	
90	98	168	93	90	84	75	67	1940	400	ACS880-035-090A-6-SMM	24V6.5W	
110	119	188	113	110	98	90	67	2315	550	ACS880-036-119A-6-SMM	24V6.5W	
132	142	220	135	132	119	110	67	3000	650	ACS880-037-142A-6-SMM	24V6.5W	
160	174	274	165	160	142	132	68	3920	680	ACS880-072-174A-6-SMM	220V1A	R7 (160-250- H400 D3200)
200	210	384	200	200	174	160	68	4820	700	ACS880-073-210A-6-SMM	220V1A	
250	271	411	257	250	210	200	68	6000	720	ACS880-074-271A-6-SMM	220V1A	
280	300	450	280	280	268	250	68	5800	950	ACS880-083-280A-6-SMM	220V2A	R8 (250-280- H400 D4000)
315	330	480	330	315	295	280	68	6120	1100	ACS880-083-315A-6-SMM	220V2A	
355	370	520	360	355	325	315	68	6800	1200	ACS880-084-355A-6-SMM	220V2A	
400	430	520	420	400	415	355	68	7000	1350	ACS880-085-400A-6-SMM	220V2A	
450	470	655	450	450	450	400	72	7200	1300	ACS880-086-450A-6-SMM	220V2A	
500	523	655	500	500	505	450	72	8000	1350	ACS880-087-505A-6-SMM	220V2A	
560	590	800	570	560	575	500	72	9000	1450	ACS880-088-571A-6-SMM	220V2A	
630	600	1000	768	710	578	560	75	11500	1670	ACS880-093-721A-6-SMM	220V3A	R9 (250-280- H400 D5000)
1000	1000	1550	980	900	768	710	75	14200	1850	ACS880-094-100A-6-SMM	220V3A	
1100	1170	1780	1123	1000	980	800	75	16000	1950	ACS880-095-1100A-6-SMM	220V3A	
1400	1540	2330	1478	1400	1123	1100	76	19500	2150	ACS880-3R95-1540A-6-PSMM+PCU+PL	3xR8	
1600	1740	2610	1670	1600	1478	1200	76	20400	2340	ACS880-3R95-1740A-6-PSMM+PCU+PL	3xR8	
2000	2300	3450	2208	2000	1878	1600	77	32100	2870	ACS880-3R95-2300A-6-PSMM+PCU+PL	4xR8	
2400	2860	4200	2748	2400	2208	2000	77	40800	3150	ACS880-3R95-2860A-6-PSMM+PCU+PL	3xR9	
3200	3420	5130	3283	3200	2748	2400	77	48700	3650	ACS880-3R95-3420A-6-PSMM+PCU+PL	3xR9	
4000	4100	6200	4000	4000	3283	3200	78	52600	4580	ACS880-3R95-4100A-6-PSMM+PCU+PL	4xR9	

* Select according to the rated and peak load current

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Marco Cascella

A red circular graphic with a gradient, appearing as a semi-circle or a partial circle, located to the right of the author's name.

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web when the reactants have more potential energy than the products have and the extra energy is released to the surroundings it is called activation energy the height of the hill on a potential energy diagram is a measure of the endothermic the reaction above can be categorized as

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web this is like a one dimensional system whose mechanical energy e is a constant and whose potential energy with respect to zero energy at zero displacement from the spring s unstretched length x_0 is $u = \frac{1}{2} kx^2$ figure 8 5 2 8 5 2 a a glider between springs on an air track is an example of a horizontal mass spring system

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web 1 if the pe of the reactants is 430 kJ and the pe of the products is 190 kJ what is the Δh 2 if the pe of the reactants is 430 kJ and the activation energy is 220 how much total energy will be needed to be added for the reaction to proceed transcribed image text potential energy diagram answer the questions using the graph

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web figure 5 5 1 a potential energy diagram shows the total potential energy of a reacting system as the reaction proceeds a in an endothermic reaction the energy of the products is greater than the energy of the reactants and Δh is positive b in an exothermic reaction the energy of the products is lower than the energy of the

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web answer see below explanation the rate of a chemical reaction $a + b \rightarrow c + d$ is given in first approximation by $v = k_v \frac{a}{b}$ where $k_v = k e^{-E_a/RT}$ where k depends by many factors as solvent geometry type of reaction E_a is the activation energy R is the universal constant of gases T is the absolute temperature

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web aug 8 2022 the energy changes that occur during a chemical reaction can be shown in a diagram called a potential

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web the energy of the reactants is shown on the energy diagram above on the right side of the energy diagram draw a horizontal line segment to indicate the energy of the products draw a vertical line segment to indicate Δh for the reaction and label it with the correct value see attached image

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