

Table 1-1 Power losses and IE class

Model	Relative loss (%)								Standby loss (w)	IE class
	(0;25)	(0;50)	(0;100)	(50;25)	(50;50)	(50;100)	(90;50)	(90;100)		
ST600-1R5G/2R2P-3	1.54	1.50	1.67	1.12	1.04	1.45	0.91	1.45	3	IE2
ST600-2R2G/003P-3	2.21	2.58	3.22	2.37	2.73	3.46	2.76	3.34	5	IE2
ST600-004G/5R5P-3	1.13	1.40	2.05	1.14	1.43	2.14	1.41	2.28	6	IE2
ST600-5R5G/7R5P-3	1.09	1.47	2.43	1.12	1.53	2.56	1.52	2.64	11	IE2
ST600-7R5G/011P-3	1.06	1.37	2.06	1.11	1.45	2.45	1.46	2.69	7	IE2
ST600-011G/015P-3	0.61	0.84	1.55	0.61	1.04	1.97	0.99	2.16	9	IE2
ST600-015G/018P-3	0.42	0.52	1.27	0.55	0.73	1.46	0.78	1.66	9	IE2
ST600-018G/022P-3	0.54	0.74	1.22	0.77	1.03	1.70	0.96	1.65	11	IE2
ST600-022G/030P-3	0.47	0.67	1.21	0.67	0.90	1.54	0.87	1.38	11	IE2
ST600-030G/037P-3	0.53	0.71	1.24	0.72	0.90	1.45	0.85	1.50	13	IE2
ST600-037G/045P-3	0.47	0.69	1.39	0.63	0.88	1.60	0.99	1.72	14	IE2
ST600-045G/055P-3	0.49	0.69	1.39	0.78	1.00	1.64	0.97	1.66	21	IE2
ST600-055G/075P-3	0.51	0.69	1.26	0.71	0.89	1.47	0.88	1.40	22	IE2
ST600-075G/090P-3	0.44	0.61	1.12	0.51	0.69	1.29	0.76	1.42	22	IE2
ST600-090G/110P-3	0.42	0.59	1.15	0.47	0.65	1.29	0.90	1.48	25	IE2
ST600-110G/132P-3	0.43	0.63	1.30	0.48	0.75	1.64	0.80	1.78	28	IE2
ST600-132G/160P-3	0.47	0.59	1.06	0.61	0.71	1.28	0.85	1.43	55	IE2
ST600-160G/185P-3	0.59	0.71	1.36	1.22	0.97	1.87	1.00	1.84	55	IE2
ST600-185G/200P-3	0.63	0.76	1.21	1.17	1.12	1.70	1.08	1.61	55	IE2
ST600-200G/220P-3	0.53	0.71	1.42	0.74	0.94	1.81	1.00	1.84	55	IE2
ST600-220G/250P-3	0.33	0.42	0.69	0.85	0.95	1.33	1.10	1.18	80	IE2
ST600-250G/280P-3	0.38	0.59	1.22	0.65	0.92	1.67	0.93	1.74	80	IE2
ST600-280G/315P-3	0.40	0.59	1.10	0.64	0.89	1.58	1.12	1.35	80	IE2
ST600-315G/355P-3	0.56	0.35	0.79	0.94	0.94	1.63	1.36	2.22	80	IE2
ST600-355G/400P-3	0.37	0.47	0.98	0.91	1.11	1.95	1.42	2.44	80	IE2
ST600-300G/450P-3	0.17	0.26	0.42	0.28	0.41	0.74	0.47	0.92	80	IE2
ST600-350G/500P-3	0.31	0.54	0.98	0.46	0.62	1.02	0.67	0.85	80	IE2
ST600-500G-3	0.32	0.55	0.98	0.45	0.61	1.02	0.66	0.83	80	IE2

Table 1-2 Rated specifications

Model	Apparent power (kVA)	Rated output power (kW)	Rated output current (A)	Max. working temperature (°C)	Rated power frequency (Hz)	Rated power voltage (V)
ST600-1R5G/2R2P-3	2.4	1.5	3.7	50°C, derate 1% for every increase of 1°C if exceeds 40°C	50Hz/60Hz, allowed range: 47-63Hz	3PH 380V
ST600-2R2G/003P-3	3.2	2.2	5			
ST600-004G/5R5P-3	6.2	4	9.5			
ST600-5R5G/7R5P-3	9.2	5.5	14			
ST600-7R5G/011P-3	12.1	7.5	18.5			
ST600-011G/015P-3	16.4	11	25			
ST600-015G/018P-3	21.0	15	32			
ST600-018G/022P-3	25.0	18.5	38			
ST600-022G/030P-3	29.6	22	45			
ST600-030G/037P-3	39.4	30	60			
ST600-037G/045P-3	49.3	37	75			
ST600-045G/055P-3	60.5	45	92			
ST600-055G/075P-3	75.6	55	115			
ST600-075G/090P-3	98.7	75	150			
ST600-090G/110P-3	118.4	90	180			
ST600-110G/132P-3	141.5	110	215			
ST600-132G/160P-3	171.1	132	260			
ST600-160G/185P-3	200.7	160	305			
ST600-185G/200P-3	223.7	185	340			
ST600-200G/220P-3	250.1	200	380			
ST600-220G/250P-3	279.7	220	425			
ST600-250G/280P-3	315.9	250	480			
ST600-280G/315P-3	348.8	280	530			
ST600-315G/355P-3	394.9	315	600			
ST600-355G/400P-3	427.8	355	650			
ST600-300G/450P-3	473.8	400	720			
ST600-350G/500P-3	539.7	450	820			
ST600-500G-3	566.0	500	860			