

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)		
GD300-16-004G/5R5P-4	1.17	1.44	1.96	0.99	1.17	1.65	1.17	1.80	6	IE2
GD300-16-5R5G/7R5P-4	0.91	1.16	1.99	0.74	1.00	1.68	1.01	1.85	6	IE2
GD300-16-7R5G/011P-4	0.77	1.05	1.86	0.69	0.93	1.56	0.96	1.69	7	IE2
GD300-16-011G/015P-4	0.69	0.76	1.65	0.59	0.87	1.43	0.79	1.67	9	IE2
GD300-16-015G/018P-4	0.60	0.72	1.42	0.66	0.69	1.26	0.73	1.40	9	IE2
GD300-16-018G/022P-4	0.47	0.68	1.34	0.57	0.70	1.25	0.77	1.35	12	IE2
GD300-16-022G/030P-4	0.53	0.71	0.69	0.52	0.66	1.08	0.66	1.14	12	IE2
GD300-16-030G/037P-4	0.51	0.62	1.39	0.46	1.25	1.63	1.16	1.56	20	IE2
GD300-16-037G/045P-4	0.41	0.65	1.03	0.51	0.65	1.12	0.68	1.25	27	IE2
GD300-16-045G/055P-4	0.39	0.55	0.94	0.51	0.61	1.05	0.62	1.08	29	IE2
GD300-16-055G/075P-4	0.43	0.67	0.97	0.58	0.77	1.24	0.82	1.22	33	IE2
GD300-16-075G/090P-4	0.40	0.54	0.97	0.48	0.60	1.09	0.63	1.02	33	IE2
GD300-16-090G/110P-4	0.42	0.55	0.95	0.49	0.61	1.16	0.65	0.78	37	IE2
GD300-16-110G/132P-4	0.44	0.71	1.12	0.57	0.99	1.54	1.19	2.04	37	IE2
GD300-16-132G/160P-4	0.47	0.59	1.06	0.61	0.71	1.28	0.85	1.43	55	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)
GD300-16-004G/5R5P-4	6.3	4	9.5	50 °C, derate 1% for every increase of 1 °C if exceeds 40 °C	50Hz/60Hz, allowed range: 47-63Hz	3PH 380V
GD300-16-5R5G/7R5P-4	9.2	5.5	14			
GD300-16-7R5G/011P-4	12.2	7.5	18.5			
GD300-16-011G/015P-4	16.5	11	25			
GD300-16-015G/018P-4	21	15	32			
GD300-16-018G/022P-4	25	18.5	38			
GD300-16-022G/030P-4	29.6	22	45			
GD300-16-030G/037P-4	39.5	30	60			
GD300-16-037G/045P-4	49.4	37	75			
GD300-16-045G/055P-4	60.5	45	92			
GD300-16-055G/075P-4	75.7	55	115			
GD300-16-075G/090P-4	98.7	75	150			
GD300-16-090G/110P-4	118.5	90	180			
GD300-16-110G/132P-4	141.5	110	215			
GD300-16-132G/160P-4	171.1	132	260			