

Table 1-1 Power losses and IE level

Model	Relative loss (%)								Standby loss (w)	IE class
	(0;25)	(0;50)	(0;100)	(50;25)	(50;50)	(50;100)	(90;50)	(90;100)		
GD20-0R4G-S2	2.11	2.13	2.56	2.00	1.73	2.21	1.26	2.17	5	IE2
GD20-0R7G-S2	1.47	1.70	2.44	1.43	1.19	2.24	0.70	2.42	7	IE2
GD20-1R5G-S2	1.23	1.56	2.32	0.97	1.34	2.05	0.99	2.74	8	IE2
GD20-2R2G-S2	1.12	1.35	1.94	1.35	1.81	1.83	2.22	4.13	8	IE2
GD20-0R4G-2	2.41	2.45	2.74	1.97	2.01	2.26	1.15	1.61	6	IE2
GD20-0R7G-2	1.55	1.83	2.65	0.80	1.45	2.36	1.03	2.01	6	IE2
GD20-1R5G-2	1.10	1.48	2.22	1.14	1.62	2.69	1.27	2.89	7	IE2
GD20-2R2G-2	1.15	1.51	2.37	1.15	1.59	2.56	1.32	2.26	7	IE2
GD20-0R7G-4	1.88	2.17	2.69	2.15	2.25	3.09	1.64	2.52	7	IE2
GD20-1R5G-4	1.31	1.56	2.10	1.03	1.37	2.09	1.19	2.19	7	IE2
GD20-2R2G-4	1.32	1.51	2.20	1.36	1.78	2.37	1.71	2.62	8	IE2
GD20-004G-4	1.02	1.26	1.73	1.10	1.43	1.83	1.28	2.25	9	IE2
GD20-5R5G-4	1.01	1.16	2.05	1.09	1.45	2.41	1.34	2.80	9	IE2
GD20-7R5G-4	1.01	1.16	2.05	0.85	1.04	2.25	1.17	1.86	9	IE2
GD20-011G-4	0.61	0.84	1.55	0.61	1.04	1.97	0.99	2.16	6	IE2
GD20-015G-4	0.42	0.52	1.27	0.55	0.73	1.46	0.78	1.66	7	IE2
GD20-018G-4	0.54	0.74	1.22	0.77	1.03	1.70	0.96	1.65	11	IE2
GD20-022G-4	0.47	0.67	1.21	0.67	0.90	1.54	0.87	1.38	11	IE2
GD20-030G-4	0.53	0.72	0.71	0.71	0.90	0.85	1.45	1.50	13	IE2
GD20-037G-4	0.47	0.69	1.39	0.63	0.88	1.60	0.99	1.72	14	IE2
GD20-045G-4	0.49	0.69	1.39	0.78	1.00	1.64	0.97	1.66	21	IE2
GD20-045G-4-B	0.49	0.69	1.39	0.78	1.00	1.64	0.97	1.66	21	IE2
GD20-055G-4	0.51	0.69	1.26	0.71	0.89	1.47	0.88	1.40	22	IE2
GD20-055G-4-B	0.51	0.69	1.26	0.71	0.89	1.47	0.88	1.40	22	IE2
GD20-075G-4	0.44	0.61	1.12	0.51	0.69	1.29	0.76	1.42	22	IE2
GD20-075G-4-B	0.44	0.61	1.12	0.51	0.69	1.29	0.76	1.42	22	IE2
GD20-090G-4	0.42	0.59	1.15	0.47	0.65	1.29	0.90	1.48	25	IE2
GD20-090G-4-B	0.42	0.59	1.15	0.47	0.65	1.29	0.90	1.48	25	IE2
GD20-110G-4	0.43	0.63	1.30	0.48	0.75	1.64	0.80	1.78	28	IE2
GD20-110G-4-B	0.43	0.63	1.30	0.48	0.75	1.64	0.80	1.78	28	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)	
GD20-0R4G-S2	0.9	0.4	2.5	50°C, derate 1% for every increase of 1°C if exceeds 40°C	50Hz/60Hz, allowed range: 47-63Hz	1PH 220V	
GD20-0R7G-S2	1.6	0.75	4.2				
GD20-1R5G-S2	2.8	1.5	7.5				
GD20-2R2G-S2	3.8	2.2	10				
GD20-004G-S2	6.1	4	16				
GD20-5R5G-S2	7.6	5.5	20				
GD20-7R5G-S2	11.4	7.5	30				
GD20-0R4G-2	0.9	0.4	2.5			3PH 220V	
GD20-0R7G-2	1.6	0.75	4.2				
GD20-1R5G-2	2.8	1.5	7.5				
GD20-2R2G-2	3.8	2.2	10				
GD20-004G-2	6.1	4	16				
GD20-5R5G-2	7.6	5.5	20				
GD20-7R5G-2	11.4	7.5	30				
GD20-0R7G-4	1.6	0.75	2.5				3PH 380V
GD20-1R5G-4	2.7	1.5	4.2				
GD20-2R2G-4	3.6	2.2	5.5				
GD20-004G-4	6.2	4	9.5				
GD20-5R5G-4	9.2	5.5	14				
GD20-7R5G-4	12.1	7.5	18.5				
GD20-011G-4	16.4	11	25				
GD20-015G-4	21.0	15	32				
GD20-018G-4	25.0	18.5	38				
GD20-022G-4	29.6	22	45				
GD20-030G-4	39.5	30	60				
GD20-037G-4	49.3	37	75				
GD20-045G-4	60.5	45	92				
GD20-045G-4-B	60.5	45	92				
GD20-055G-4	75.7	55	115				
GD20-055G-4-B	75.7	55	115				
GD20-075G-4	98.7	75	150				
GD20-075G-4-B	98.7	75	150				
GD20-090G-4	118.4	90	180				
GD20-090G-4-B	118.4	90	180				
GD20-110G-4	141.5	110	215				
GD20-110G-4-B	141.5	110	215				
GD20-0R4G-S12	0.5	0.4	2.5	1PH 110V			
GD20-0R7G-S12	0.8	0.75	4.2				
GD20-1R1G-S12	1.1	1.1	5.8				