

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-EU	2.00	2.00	2.41	1.90	1.70	2.10	1.20	2.10	5	IE2
GD20-0R7G-S2-EU	1.37	1.61	2.33	1.31	1.13	2.09	0.65	2.27	7	IE2
GD20-1R5G-S2-EU	1.17	1.47	2.20	1.00	1.27	1.94	0.93	2.61	8	IE2
GD20-2R2G-S2-EU	1.05	1.28	1.83	1.25	1.70	1.73	2.10	3.94	8	IE2
GD20-0R4G-2-EU	2.30	2.30	2.61	2.00	1.90	2.10	1.30	1.50	8	IE2
GD20-0R7G-2-EU	1.43	1.73	2.51	0.59	1.37	2.21	0.92	1.91	8	IE2
GD20-1R5G-2-EU	1.03	1.40	2.10	1.00	1.53	2.54	1.20	2.71	8	IE2
GD20-2R2G-2-EU	1.07	1.43	2.25	1.00	1.50	2.43	1.25	2.15	8	IE2
GD20-0R7G-4-EU	1.79	2.07	2.54	2.02	2.13	2.94	1.55	2.36	7	IE2
GD20-1R5G-4-EU	1.23	1.47	1.99	0.96	1.30	1.99	1.13	2.09	7	IE2
GD20-2R2G-4-EU	1.26	1.44	2.07	1.28	1.68	2.25	1.62	2.49	8	IE2
GD20-004G-4-EU	0.97	1.18	1.64	1.04	1.35	1.73	1.21	2.12	9	IE2
GD20-5R5G-4-EU	0.96	1.10	1.94	1.04	1.37	2.28	1.28	2.66	9	IE2
GD20-7R5G-4-EU	0.72	0.83	1.47	0.80	0.98	2.13	1.10	1.77	9	IE2
GD20-011G-4-EU	0.57	0.79	1.46	0.57	0.98	1.86	0.93	2.05	6	IE2
GD20-015G-4-EU	0.39	0.49	1.20	0.54	0.69	1.38	0.74	1.57	7	IE2
GD20-018G-4-EU	0.51	0.70	1.15	0.72	0.98	1.61	0.91	1.56	11	IE2
GD20-022G-4-EU	0.44	0.63	1.15	0.64	0.85	1.46	0.82	1.31	11	IE2
GD20-030G-4-EU	0.50	0.67	1.18	0.68	0.85	1.37	0.80	1.41	13	IE2
GD20-037G-4-EU	0.45	0.65	1.32	0.59	0.83	1.52	0.94	1.63	14	IE2
GD20-045G-4-EU	0.46	0.65	1.32	0.73	0.94	1.42	0.92	1.57	21	IE2
GD20-045G-4-B-EU	0.46	0.65	1.32	0.73	0.94	1.42	0.92	1.57	21	IE2
GD20-055G-4-EU	0.48	0.65	1.19	0.67	0.84	1.40	0.83	1.32	22	IE2
GD20-055G-4-B-EU	0.48	0.65	1.19	0.67	0.84	1.40	0.83	1.32	22	IE2
GD20-075G-4-EU	0.41	0.58	1.06	0.48	0.65	1.22	0.72	1.35	22	IE2
GD20-075G-4-B-EU	0.41	0.58	1.06	0.48	0.65	1.22	0.72	1.35	22	IE2
GD20-090G-4-EU	0.39	0.56	1.09	0.44	0.61	1.22	0.85	1.40	25	IE2
GD20-090G-4-B-EU	0.39	0.56	1.09	0.44	0.61	1.22	0.85	1.40	25	IE2
GD20-110G-4-EU	0.41	0.59	1.23	0.5	0.70	1.55	0.75	1.69	28	IE2
GD20-110G-4-B-EU	0.41	0.59	1.23	0.5	0.70	1.55	0.75	1.69	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-EU	0.99	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 230V	
GD20-0R7G-S2-EU	1.67	0.75	4.2				
GD20-1R5G-S2-EU	2.98	1.5	7.5				
GD20-2R2G-S2-EU	3.98	2.2	10			3PH 230V	
GD20-0R4G-2-EU	0.99	0.4	2.5				
GD20-0R7G-2-EU	1.67	0.75	4.2				
GD20-1R5G-2-EU	2.98	1.5	7.5				
GD20-2R2G-2-EU	3.98	2.2	10				
GD20-004G-2-EU	6.37	4	16				
GD20-5R5G-2-EU	7.96	5.5	20				
GD20-7R5G-2-EU	11.95	7.5	30				
GD20-0R7G-4-EU	1.73	0.75	2.5				3PH 400V
GD20-1R5G-4-EU	2.90	1.5	4.2				
GD20-2R2G-4-EU	3.81	2.2	5.5				
GD20-004G-4-EU	6.58	4	9.5				
GD20-5R5G-4-EU	9.69	5.5	14				
GD20-7R5G-4-EU	12.81	7.5	18.5				
GD20-011G-4-EU	17.32	11	25				
GD20-015G-4-EU	22.17	15	32				
GD20-018G-4-EU	26.32	18.5	38				
GD20-022G-4-EU	31.17	22	45				
GD20-030G-4-EU	41.56	30	60				
GD20-037G-4-EU	51.96	37	75				
GD20-045G-4-EU	63.73	45	92				
GD20-045G-4-B-EU	63.73	45	92				
GD20-055G-4-EU	79.67	55	115				
GD20-055G-4-B-EU	79.67	55	115				
GD20-075G-4-EU	103.92	75	150				
GD20-075G-4-B-EU	103.92	75	150				
GD20-090G-4-EU	124.70	90	180				
GD20-090G-4-B-EU	124.70	90	180				
GD20-110G-4-EU	148.95	110	215				
GD20-110G-4-B-EU	148.95	110	215				