

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) | | |
| GD200A-0R7G-4 | 1.73 | 1.71 | 2.39 | 1.03 | 0.76 | 1.55 | 0.39 | 1.19 | 3 | IE2 |
| GD200A-1R5G-4 | 1.52 | 1.49 | 1.81 | 1.06 | 1.00 | 1.76 | 0.84 | 1.86 | 3 | IE2 |
| GD200A-2R2G-4 | 1.21 | 2.36 | 2.15 | 0.81 | 1.03 | 1.51 | 0.87 | 1.49 | 5 | IE2 |
| GD200A-004G/5R5P-4 | 1.17 | 1.44 | 1.96 | 0.99 | 1.17 | 1.65 | 1.17 | 1.80 | 6 | IE2 |
| GD200A-5R5G/7R5P-4 | 0.91 | 1.16 | 1.99 | 0.74 | 1.00 | 1.68 | 1.01 | 1.85 | 6 | IE2 |
| GD200A-7R5G/011P-4 | 0.77 | 1.05 | 1.86 | 0.69 | 0.93 | 1.56 | 0.96 | 1.69 | 7 | IE2 |
| GD200A-011G/015P-4 | 0.69 | 0.76 | 1.65 | 0.59 | 0.87 | 1.43 | 0.79 | 1.67 | 9 | IE2 |
| GD200A-015G/018P-4 | 0.60 | 0.72 | 1.42 | 0.66 | 0.69 | 1.26 | 0.73 | 1.40 | 9 | IE2 |
| GD200A-018G/022P-4 | 0.47 | 0.68 | 1.34 | 0.57 | 0.70 | 1.25 | 0.77 | 1.35 | 12 | IE2 |
| GD200A-022G/030P-4 | 0.53 | 0.71 | 0.69 | 0.52 | 0.66 | 1.08 | 0.66 | 1.14 | 12 | IE2 |
| GD200A-030G/037P-4 | 0.51 | 0.62 | 1.39 | 0.46 | 1.25 | 1.63 | 1.16 | 1.56 | 20 | IE2 |
| GD200A-037G/045P-4 | 0.41 | 0.65 | 1.03 | 0.51 | 0.65 | 1.12 | 0.68 | 1.25 | 27 | IE2 |
| GD200A-045G/055P-4 | 0.39 | 0.55 | 0.94 | 0.51 | 0.61 | 1.05 | 0.62 | 1.08 | 29 | IE2 |
| GD200A-055G/075P-4 | 0.43 | 0.67 | 0.97 | 0.58 | 0.77 | 1.24 | 0.82 | 1.22 | 33 | IE2 |
| GD200A-075G/090P-4 | 0.40 | 0.54 | 0.97 | 0.48 | 0.60 | 1.09 | 0.63 | 1.02 | 33 | IE2 |
| GD200A-090G/110P-4 | 0.42 | 0.55 | 0.95 | 0.49 | 0.61 | 1.16 | 0.65 | 0.78 | 37 | IE2 |
| GD200A-110G/132P-4 | 0.44 | 0.71 | 1.12 | 0.57 | 0.99 | 1.54 | 1.19 | 2.04 | 37 | IE2 |
| GD200A-132G/160P-4 | 0.47 | 0.59 | 1.06 | 0.61 | 0.71 | 1.28 | 0.85 | 1.43 | 55 | IE2 |
| GD200A-160G/185P-4 | 0.59 | 0.71 | 1.36 | 1.22 | 0.97 | 1.87 | 1.00 | 1.84 | 55 | IE2 |
| GD200A-185G/200P-4 | 0.62 | 0.76 | 1.21 | 1.17 | 1.12 | 1.70 | 1.08 | 1.61 | 55 | IE2 |
| GD200A-200G/220P-4 | 0.53 | 0.71 | 1.41 | 0.74 | 0.94 | 1.81 | 1.00 | 1.84 | 55 | IE2 |
| GD200A-220G/250P-4 | 0.33 | 0.42 | 0.69 | 0.85 | 0.95 | 1.33 | 1.10 | 1.18 | 80 | IE2 |
| GD200A-250G/280P-4 | 0.38 | 0.59 | 1.22 | 0.65 | 0.92 | 1.67 | 0.93 | 1.74 | 80 | IE2 |
| GD200A-280G/315P-4 | 0.40 | 0.59 | 1.10 | 0.64 | 0.89 | 1.58 | 1.12 | 1.35 | 80 | IE2 |
| GD200A-315G/350P-4 | 0.56 | 0.35 | 0.79 | 0.94 | 0.94 | 1.63 | 1.36 | 2.22 | 80 | IE2 |
| GD200A-355G/400P-4 | 0.37 | 0.47 | 0.98 | 0.91 | 1.11 | 1.95 | 1.42 | 2.44 | 80 | IE2 |
| GD200A-400G-4 | 0.17 | 0.26 | 0.42 | 0.28 | 0.41 | 0.74 | 0.47 | 0.92 | 80 | IE2 |
| GD200A-450G-4 | 0.31 | 0.54 | 0.98 | 0.46 | 0.62 | 1.02 | 0.67 | 0.85 | 80 | IE2 |
| GD200A-500G-4 | 0.32 | 0.55 | 0.98 | 0.45 | 0.61 | 1.02 | 0.66 | 0.83 | 80 | IE2 |
| GD200A-630G-4 | 0.23 | 0.37 | 0.99 | 0.61 | .079 | 1.30 | 0.82 | 1.52 | 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) |
|--------------------|----------------------|-------------------------|--------------------------|---|--|-------------------------|
| GD200A-0R7G-4 | 1.6 | 0.75 | 2.5 | 50°C, derate 1% for every increase of 1°C if exceeds 40°C | 50Hz/60Hz, Allowed range: 3PH 380V 47-63Hz | 3PH 380V |
| GD200A-1R5G-4 | 2.8 | 1.5 | 4.2 | | | |
| GD200A-2R2G-4 | 3.6 | 2.2 | 5.5 | | | |
| GD200A-004G/5R5P-4 | 6.3 | 4 | 9.5 | | | |
| GD200A-5R5G/7R5P-4 | 9.2 | 5.5 | 14 | | | |
| GD200A-7R5G/011P-4 | 12.2 | 7.5 | 18.5 | | | |
| GD200A-011G/015P-4 | 16.5 | 11 | 25 | | | |
| GD200A-015G/018P-4 | 21 | 15 | 32 | | | |
| GD200A-018G/022P-4 | 25 | 18.5 | 38 | | | |
| GD200A-022G/030P-4 | 29.6 | 22 | 45 | | | |
| GD200A-030G/037P-4 | 39.5 | 30 | 60 | | | |
| GD200A-037G/045P-4 | 49.4 | 37 | 75 | | | |
| GD200A-045G/055P-4 | 60.5 | 45 | 92 | | | |
| GD200A-055G/075P-4 | 75.7 | 55 | 115 | | | |
| GD200A-075G/090P-4 | 98.7 | 75 | 150 | | | |
| GD200A-090G/110P-4 | 118.5 | 90 | 180 | | | |
| GD200A-110G/132P-4 | 141.5 | 110 | 215 | | | |
| GD200A-132G/160P-4 | 171.1 | 132 | 260 | | | |
| GD200A-160G/185P-4 | 200.7 | 160 | 305 | | | |
| GD200A-185G/200P-4 | 223.7 | 185 | 340 | | | |
| GD200A-200G/220P-4 | 250.1 | 200 | 380 | | | |
| GD200A-220G/250P-4 | 279.7 | 220 | 425 | | | |
| GD200A-250G/280P-4 | 315.9 | 250 | 480 | | | |
| GD200A-280G/315P-4 | 348.8 | 280 | 530 | | | |
| GD200A-315G/350P-4 | 394.8 | 315 | 600 | | | |
| GD200A-355G/400P-4 | 427.8 | 350 | 650 | | | |
| GD200A-400G-4 | 473.8 | 400 | 720 | | | |
| GD200A-450G-4 | 539 | 450 | 820 | | | |
| GD200A-500G-4 | 566 | 500 | 860 | | | |
| GD200A-630G-4 | 789.8 | 630 | 1200 | | | |