

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) | | |
| BPD0K7TN(AC) | 1.1 | 1.2 | 2.0 | 1.4 | 1.6 | 2.2 | 1.3 | 2.2 | 6 | IE2 |
| BPD1K5TN(AC) | 1.1 | 1.4 | 1.9 | 1.3 | 1.6 | 2.2 | 1.8 | 2.6 | 4 | IE2 |
| BPD2K2TN(AC) | 1.0 | 1.2 | 1.8 | 1.2 | 1.4 | 2.0 | 1.6 | 2.5 | 6 | IE2 |
| BPD004TNAC | 0.8 | 1.0 | 1.3 | 1.0 | 1.1 | 2.1 | 1.6 | 2.4 | 6 | IE2 |
| BPD2K2TRAC(S) | 0.6 | 0.9 | 1.1 | 0.8 | 1.0 | 1.2 | 1.2 | 1.5 | 4 | IE2 |
| BPD004TRAC(S) | 0.9 | 1.1 | 1.5 | 1.1 | 1.3 | 1.8 | 1.5 | 2.2 | 5 | IE2 |
| BPD5K5TRAC(S) | 0.7 | 0.9 | 1.4 | 0.9 | 1.4 | 2.1 | 1.4 | 2.3 | 7 | 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) |
|---------------|----------------------|-------------------------|--------------------------|---|-----------------------------------|-------------------------|
| BPD0K7TN(AC) | 1.6 | 0.75 | 4.2 | 50°C, derate by 1% for every increase of 1°C when the temperature exceeds 40°C. | 50Hz/60Hz, allowed range: 47-63Hz | 1PH 220V |
| BPD1K5TN(AC) | 2.8 | 1.5 | 7.5 | | | |
| BPD2K2TN(AC) | 3.8 | 2.2 | 10 | | | |
| BPD004TNAC | 6.1 | 4.0 | 16 | | | 3PH 380V |
| BPD2K2TRAC(S) | 3.6 | 2.2 | 5.5 | | | |
| BPD004TRAC(S) | 6.2 | 4.0 | 9.5 | | | |
| BPD5K5TRAC(S) | 9.2 | 5.5 | 14 | | | |
| BPD0K7TN(AC) | 1.6 | 0.75 | 4.2 | | | |