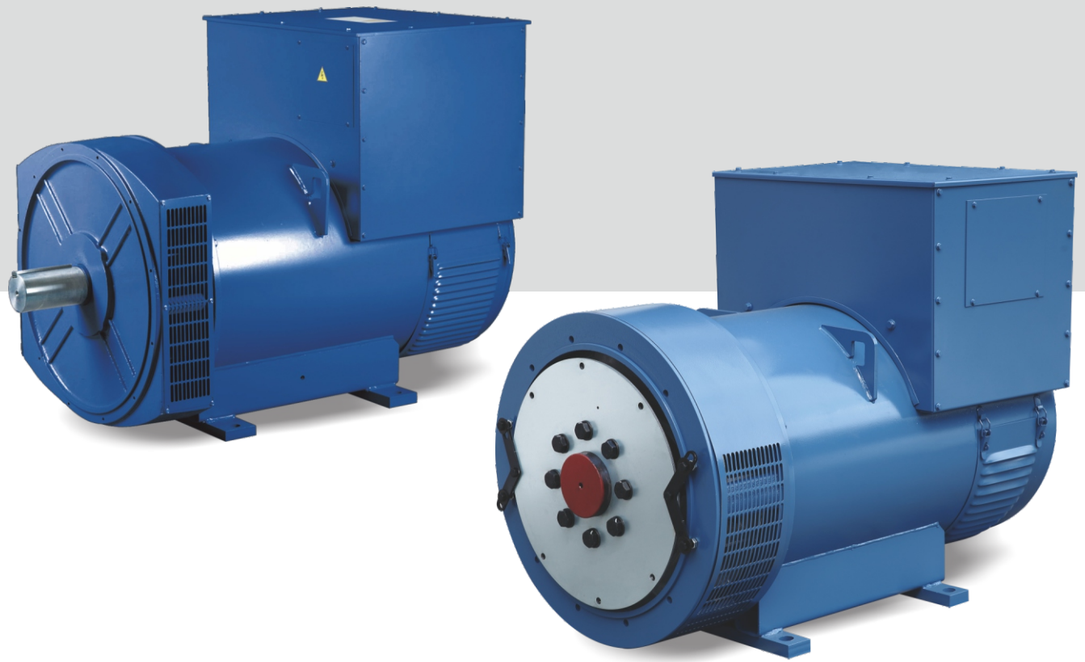
# L-314

**Voltage: 110V~690V**
**Power: 250~625kVA**



## TECHNICAL DATA

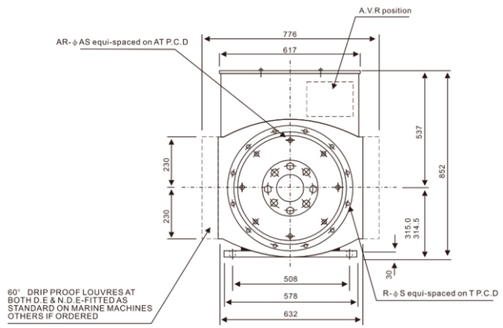
**THREE PHASE LAND GENERATOR**

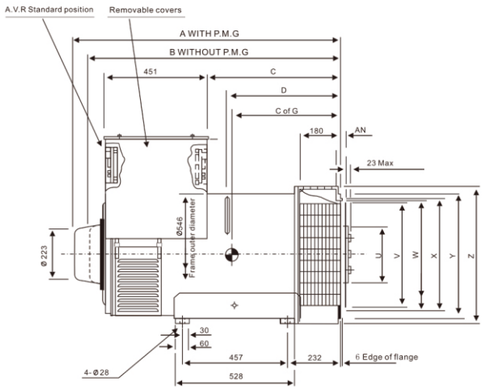
| Frequency | | 50Hz(1500rpm) | | | | | | | | | 60Hz(1800rpm) | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Series Star Connection | | Rated 40℃ | | | Max 40℃ | | | Max 27℃ | | | Rated 40℃ | | | Max 40℃ | | | Max 27℃ | | |
| Parallel Star Connection | | Rated 125℃ | | | Reserve 150℃ | | | Reserve 163℃ | | | Rated 125℃ | | | Reserve 150℃ | | | Reserve 163℃ | | |
| Series Delta Connection | V | 380 | 400 | 415 | 380 | 400 | 415 | 380 | 400 | 415 | 416 | 440 | 480 | 416 | 440 | 480 | 416 | 440 | 480 |
| L314G200 | KVA | 250.0 | 250.0 | 250.0 | 270 | 270 | 270 | 275 | 275 | 275 | 287.5 | 300.0 | 315.0 | 300 | 320 | 335 | 310 | 330 | 345 |
| | kW | 200.0 | 200.0 | 200.0 | 216 | 216 | 216 | 220 | 220 | 220 | 230.0 | 240.0 | 252.0 | 240 | 256 | 268 | 248 | 264 | 276 |
| | Eff | 92.5 | 92.8 | 93.0 | 92.0 | 92.3 | 92.6 | 91.8 | 92.2 | 92.5 | 92.6 | 92.7 | 93.0 | 92.3 | 92.3 | 92.7 | 92.1 | 92.2 | 92.5 |
| L314G240 | KVA | 300.0 | 300.0 | 300.0 | 320 | 320 | 320 | 330 | 330 | 330 | 343.7 | 360.0 | 375.0 | 365 | 385 | 400 | 375 | 395 | 415 |
| | kW | 240.0 | 240.0 | 240.0 | 256 | 256 | 256 | 264 | 264 | 264 | 275.0 | 288.0 | 300.0 | 292 | 308 | 320 | 300 | 316 | 332 |
| | Eff | 92.7 | 93.0 | 93.2 | 92.3 | 92.7 | 92.9 | 92.1 | 92.5 | 92.7 | 92.9 | 93.0 | 93.3 | 92.5 | 92.6 | 93.0 | 92.4 | 92.5 | 92.8 |
| L314G260 | KVA | 325.0 | 325.0 | 325.0 | 345 | 345 | 345 | 358 | 358 | 358 | 381.0 | 394.0 | 419.0 | 406 | 419 | 444 | 419 | 431 | 456 |
| | kW | 260.0 | 260.0 | 260.0 | 276 | 276 | 276 | 286 | 286 | 286 | 305.0 | 315.2 | 335.2 | 325 | 335 | 355 | 335 | 345 | 365 |
| | Eff | 93.6 | 93.7 | 93.8 | 92.7 | 93.0 | 93.2 | 92.7 | 93.0 | 93.2 | 93.6 | 93.7 | 93.8 | 93.2 | 93.2 | 93.3 | 92.4 | 92.7 | 93.1 |
| L314G280 | KVA | 350.0 | 350.0 | 350.0 | 370 | 370 | 370 | 385 | 385 | 385 | 400.0 | 420.0 | 440.0 | 420 | 445 | 460 | 435 | 455 | 475 |
| | kW | 280.0 | 280.0 | 280.0 | 296 | 296 | 296 | 308 | 308 | 308 | 320.0 | 336.0 | 352.0 | 336 | 356 | 368 | 348 | 364 | 380 |
| | Eff | 93.2 | 93.5 | 93.6 | 93.2 | 93.5 | 93.6 | 92.7 | 92.7 | 93.2 | 93.4 | 93.5 | 93.7 | 93.4 | 93.5 | 93.7 | 92.9 | 93.0 | 93.3 |
| L314G300 | KVA | 380.0 | 380.0 | 380.0 | 390 | 390 | 390 | 413 | 413 | 413 | 444.0 | 456.0 | 475.0 | 475 | 483 | 500 | 488 | 500 | 519 |
| | kW | 300.0 | 300.0 | 300.0 | 312 | 312 | 312 | 330 | 330 | 330 | 355.2 | 365.0 | 380.0 | 380 | 386 | 400 | 390 | 400 | 415 |
| | Eff | 93.4 | 93.7 | 93.8 | 93.1 | 93.2 | 93.5 | 93.2 | 93.6 | 93.6 | 93.5 | 93.6 | 93.9 | 93.1 | 93.3 | 93.4 | 93.0 | 93.1 | 93.4 |
| L314G320 | KVA | 400.0 | 400.0 | 400.0 | 430 | 430 | 430 | 440 | 440 | 440 | 455.0 | 480.0 | 500.0 | 485 | 515 | 535 | 500 | 530 | 550 |
| | kW | 320.0 | 320.0 | 320.0 | 344 | 344 | 344 | 350 | 350 | 350 | 364.0 | 384.0 | 400.0 | 388 | 412 | 428 | 400 | 424 | 440 |
| | Eff | 93.2 | 93.4 | 93.6 | 92.9 | 93.0 | 93.2 | 92.8 | 92.8 | 93.1 | 93.4 | 93.4 | 93.9 | 93.1 | 93.1 | 93.4 | 92.9 | 92.9 | 93.2 |
| L314G360 | KVA | 450.0 | 450.0 | 450.0 | 480.0 | 480.0 | 480.0 | 495 | 495 | 495 | 500.0 | 535.0 | 560.0 | 535.0 | 575.0 | 600.0 | 565.0 | 600.0 | 625.0 |
| | kW | 360.0 | 360.0 | 360.0 | 384.0 | 384.0 | 384.0 | 396 | 396 | 396 | 400.0 | 428.0 | 448.0 | 428.0 | 460.0 | 480.0 | 452.0 | 480.0 | 500.0 |
| | Eff | 93.3 | 93.3 | 93.5 | 93.1 | 93.0 | 93.2 | 92.9 | 92.8 | 93.0 | 93.4 | 93.4 | 93.6 | 93.2 | 93.1 | 93.3 | 92.9 | 92.9 | 93.1 |





## L314 SINGLE/DOUBLE BEARING DIMENSION



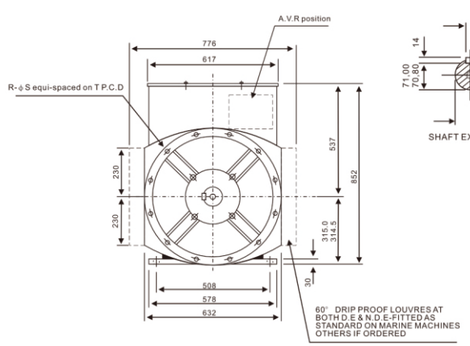



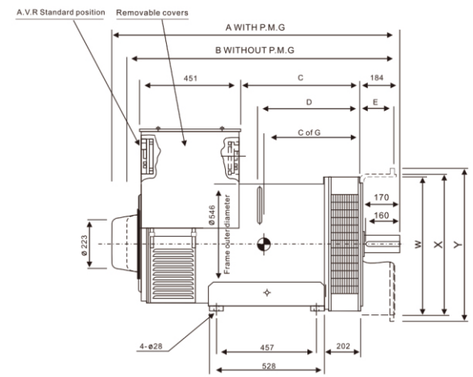

| | DIMENSION (mm) | | | | |
|---|---|---|---|---|---|
| TYPE | A | B | C | D | C of G |
| L314G200/240 | 1172 | 1101 | 584 | 493 | 463 |
| L314G260/280 | 1172 | 1101 | 584 | 493 | 483 |
| L314G300/320 | 1172 | 1101 | 584 | 493 | 504 |
| L314G360 | 1262 | 1191 | 674 | 583 | 530 |

| DIS COUPLING (mm) | | | | | | |
|---|---|---|---|---|---|---|
| S.A.E.NO. | R | S | T | W | X | Y |
| 0 | 12 | 14 | 679.5 | 626 | 647.6 | 711 |
| 1/2 | 12 | 14 | 619.1 | 569 | 584.1 | 680 |
| 1 | 12 | 12.7 | 530.2 | 496 | 511.1 | 617 |
| 2 | 12 | 11 | 466.7 | 432 | 447.6 | 617 |

| | SHIPPING DATA | | |
|---|---|---|---|
| TYPE | N.W(kg) | G.W(kg) | L*W*H(cm) |
| L314G200 | 760 | 800 | 122×68×97 |
| L314G240 | 820 | 860 | 122×68×97 |
| L314G260 | 860 | 900 | 122×68×97 |
| L314G280 | 930 | 970 | 122×68×97 |
| L314G300 | 950 | 990 | 130×68×97 |
| L314G320 | 1030 | 1070 | 130×68×97 |
| L314G360 | 1090 | 1130 | 130×68×97 |

| FLANGE (mm) | | | | | | | |
|---|---|---|---|---|---|---|---|
| S.A.E.NO. | AN | AR | AS | AT | U | V | |
| 11.5 | 39.68 | 8 | 10.3 | 333.4 | 250 | 352.3 | |
| 14 | 25.40 | 8 | 13.5 | 438.1 | 250 | 466.6 | |
| 18 | 15.87 | 6 | 16.7 | 543.0 | 250 | 571.1 | |




| | DIMENSION (mm) | | | | |
|---|---|---|---|---|---|
| TYPE | A | B | C | D | C of G |
| L314G200/240 | 1326 | 1255 | 554 | 463 | 433 |
| L314G260/280 | 1326 | 1255 | 554 | 463 | 453 |
| L314G300/320 | 1326 | 1255 | 554 | 463 | 474 |
| L314G360 | 1416 | 1345 | 654 | 553 | 500 |

| FLANGE (mm) | | | | | | | |
|---|---|---|---|---|---|---|---|
| S.A.E.NO. | R | S | T | W | X | Y | E |
| 0 | 16 | 14 | 679.5 | 632 | 647.6 | 711 | 150 |
| 1/2 | 12 | 14 | 619.1 | 569 | 584.1 | 648 | 150 |
| 1 | 12 | 12.7 | 530.2 | 496 | 511.1 | 553 | 150 |
| 2 | 12 | 14.5 | 625.0 | 590 | 604.9 | 660 | 158 |

| | SHIPPING DATA | | |
|---|---|---|---|
| TYPE | N.W(kg) | G.W(kg) | L*W*H(cm) |
| L314G200 | 795 | 835 | 142×68×97 |
| L314G240 | 855 | 895 | 142×68×97 |
| L314G260 | 895 | 935 | 142×68×97 |
| L314G280 | 965 | 1050 | 142×68×97 |
| L314G300 | 985 | 1025 | 142×68×97 |
| L314G320 | 1065 | 1105 | 150×68×97 |
| L314G360 | 1125 | 1165 | 150×68×97 |