Tanon图农 Power & Machinery


# CUMMINS GENERATOR

- Powered by well-known Cummins engine, DCEC, CCEC and Cummins USA
- Vibration isolators between the engine , alternator and base
- Deepsea DSE6020 controlller with AMF function standard, ComAp for option
- Lockable battery isolator switch
- Excitation system: self-excited (PMG for option)
- Equipped with circuit breaker (CHINT , ABB and LS for option)
- Integrated wiring design
- Base fuel tank for at least 8 hours running ( standard for 500KVA below, option for 500KVA above )
- Equipped with an industrial muffler
- 50 degree radiator
- Top lifting and steel base frame with forklift holes
- Drainage for fuel tank
- Complete protection functions and safety labels
- Auto transfer swtich and Paralleling switchgear for option
- Battery charger, water jacket preheater, oil heater and double air cleaner etc. for option

## CUMMINS 50HZ 3P 康明斯发电机组

| Model | Prime Power | | Standby Power | | ENGINE | ALTERNATOR | | | Controller | Dimension & Weight | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | KW | KVA | KW | KVA | Cummins | Stamford | Meccalte | Wattek | DEEPSEA | L*W*H (mm) (open) | KG (open) | L*W*H (mm) (silent) | KG (silent) |
| TNCS-30G1 | 22 | 27.5 | 24.2 | 30.25 | 4B3.9-G1 | PI144F | ECP28 VL4A | WHI84F | DSE6020 | 1750*800*1350 | 750 | 2280*950*1510 | 1100 |
| TNCS-30G2 | 22 | 27.5 | 24.2 | 30.25 | 4B3.9-G2 | PI144F | ECP28 VL4A | WHI84F | DSE6020 | 1750*800*1350 | 750 | 2280*950*1510 | 1100 |
| TNCS-46G1 | 34 | 42.5 | 37.4 | 46.75 | 4BT3.9-G1 | PI144K | ECP32 3S4B | WHI224C | DSE6020 | 1750*800*1350 | 800 | 2280*950*1510 | 1150 |
| TNCS-46G2 | 34 | 42.5 | 37.4 | 46.75 | 4BT3.9-G2 | PI144K | ECP32 3S4B | WHI224C | DSE6020 | 1750*800*1350 | 800 | 2280*950*1510 | 1150 |
| TNCS-55 | 40 | 50 | 44 | 55 | 4BTA3.9-G2 | UCI224D | ECP32 1M4B | WHI224D | DSE6020 | 1850*800*1350 | 800 | 2280*950*1510 | 1150 |
| TNCS-66 | 48 | 60 | 52.8 | 66 | 4BTA3.9-G2 | UCI224E | ECP32 2M4B | WHI224E | DSE6020 | 1850*800*1350 | 800 | 2280*950*1510 | 1150 |
| TNCS-82 | 60 | 75 | 66 | 82.5 | 4BTA3.9-G11 | UCI224F | ECP32 3L4B | WHI224F | DSE6020 | 1850*800*1350 | 800 | 2280*950*1510 | 1150 |
| TNCS-110 | 80 | 100 | 88 | 110 | 6BT5.9-G2 | UCI274C | ECP34 2S4A | WHI274C | DSE6020 | 2200*880*1530 | 1050 | 3000*1050*1740 | 1800 |
| TNCS-120 | 90 | 112.5 | 99 | 123.75 | 6BTA5.9-G2 | UCI274D | ECP34 1L4A | WHI274D | DSE6020 | 2200*880*1530 | 1050 | 3000*1050*1740 | 1800 |
| TNCS-150 | 112 | 140 | 120 | 150 | 6BTAA5.9-G2 | UCI274E | ECP34 2L4A | WHI274E | DSE6020 | 2350*880*1530 | 1100 | 3000*1050*1740 | 1850 |
| TNCS-170 | 124 | 155 | 136 | 170 | 6BTAA5.9-G12 | UCI274F | ECP34 3L4A | WHI274F | DSE6020 | 2350*880*1530 | 1150 | 3000*1050*1740 | 1900 |
| TNCS-200 | 145 | 180 | 160 | 200 | 6CTA8.3-G2 | UCI274G | ECO38 1S4A | WHI274G | DSE6020 | 2400*1000*1710 | 1380 | 3200*1200*1950 | 2800 |
| TNCS-220 | 160 | 200 | 176 | 220 | 6CTAA8.3-G2 | UCI274H | ECO38 2S4A | WHI274H | DSE6020 | 2500*1000*1710 | 1480 | 3200*1200*1950 | 2900 |
| TNCS-275 | 200 | 250 | 220 | 275 | 6LTAA8.9-G2 | UCDI274K | ECO38 1L4A | WHI274K | DSE6020 | 2500*1000*1710 | 1480 | 3200*1200*1950 | 2900 |
| TNCS-275 | 200 | 250 | 220 | 275 | NTA855-GA | UCDI274K | ECO38 1L4A | WHI274K | DSE6020 | 3050*1150*2000 | 3000 | 4200*1500*2250 | 4500 |
| TNCS-312 | 220 | 275 | 250 | 312.5 | NTA855-G1A | HCI444D | ECO38 2L4A | WHI4D | DSE6020 | 3050*1150*2000 | 3200 | 4200*1500*2250 | 4500 |
| TNCS-350 | 250 | 312.5 | 280 | 350 | NTA855-G1B | HCI444ES | ECO38 3L4A | WHI4ES | DSE6020 | 3050*1150*2000 | 3200 | 4200*1500*2250 | 4500 |
| TNCS-375 | 275 | 343.75 | 300 | 375 | NTA855-G2A | HCI444E | ECO38 3L4A | WHI4FS | DSE6020 | 3050*1150*2000 | 3200 | 4200*1500*2250 | 4500 |
| TNCS-412 | 300 | 375 | 330 | 412.5 | NTAA855-G7 | HCI444FS | ECO40 1S4A | WHI4F | DSE6020 | 3300*1150*2000 | 3400 | 4200*1500*2250 | 4700 |
| TNCS-450 | 330 | 413 | 360 | 450 | NTAA855-G7A | HCI444F | ECO40 2S4A | WHI5C | DSE6020 | 3300*1150*2000 | 3400 | 4200*1500*2250 | 4700 |
| TNCS-500 | 360 | 450 | 400 | 500 | KTA19-G3 | HCI544C | ECO40 2S4A | WHI5C | DSE6020 | 3200*1400*2200 | 3500 | 4300*1600*2250 | 4800 |
| TNCS-562 | 400 | 500 | 450 | 562.5 | KTA19-G3A | HCI544C | ECO40 1L4A | WHI5D | DSE6020 | 3200*1400*2200 | 3500 | 4300*1600*2250 | 4800 |
| TNCS-630 | 420 | 525 | 505 | 631.25 | KTAA19-G5 | HCI544D | ECO40 1.5L4A | WHI5ES | DSE6020 | 3430*1520*2200 | 3600 | 4500*1700*2250 | 5100 |
| TNCS-688 | 454 | 567.5 | 550 | 687.5 | KTAA19-G6A | HCI544FS | ECO40 2L4A | WHI5FS | DSE6020 | 3430*1520*2200 | 3600 | 4500*1700*2250 | 5100 |
| TNCS-825 | 600 | 750 | 660 | 825 | KTA38-G2 | LVI634B | ECO40 VL4A | WHI6B | DSE6020 | 4500*1800*2200 | 7500 | 5800*2000*2250 | 10000 |
| TNCS-888 | 640 | 800 | 710 | 887.5 | KTA38-G2B | LVI634C | ECO43 1S4A | WHI6C | DSE6020 | 4500*1800*2200 | 7500 | 5800*2000*2250 | 10000 |
| TNCS-1000 | 728 | 910 | 800 | 1000 | KTA38-G2A | LV634D | ECO43 2S4A | WHI6D | DSE6020 | 4500*1800*2200 | 7500 | 5800*2000*2250 | 10000 |
| TNCS-1100 | 800 | 1000 | 800 | 1100 | KTA38-G5 | LV634E | ECO43 1M4A | WHI6E | DSE6020 | 4500*1800*2200 | 7500 | 5800*2000*2250 | 10000 |
| TNCS-1250 | 910 | 1137.5 | 1000 | 1250 | KTA38-G9 | LVI634G | ECO43 2L4A | WHI6G | DSE6020 | 4500*1800*2200 | 7500 | 20" container | 10000 |
| TNCS-1375 | 1000 | 1250 | 1100 | 1375 | KTA50-G3 | LV634G | ECO43 2L4A | WHI6G | DSE6020 | 4500*1800*2200 | 7500 | 40" container | 10000 |
| TNCS-1625 | 1100 | 1375 | 1320 | 1650 | KTA50-G8 | PI734B | ECO43 VL4A | WHI7B | DSE6020 | 4900*2100*2530 | 8600 | 40" container | 13800 |
| TNCS-1625 | 1180 | 1475 | 1320 | 1650 | KTA50-GS8 | PI734C | ECO46 1S4A | WHI7C | DSE6020 | 4900*2100*2530 | 8600 | 40" container | 14000 |

Note:
All ratings are for guidance only, please refer to the specific genset technical date sheet for final power ratings.
All ratings date is based on operation under ISO8528, ISO3046 conditions using typical fan sized and drive ratios.
Priming Power=Power at available load in line of main power network. An overload 10% permitted for one hour in every twelve hours of operations.
Standby Power=Power available at a variable load in the event of a main power network failure up to to a maximum of 500 hours per year. No over load is permitted.
Available in the following voltage: 380V/220V, 400V/230V, 415V/240V, 440V/254V.

## CUMMINS 60HZ 3P

## 康明斯发电机组

| Model | Prime Power | | Standby Power | | ENGINE | ALTERNATOR | | | Controller | Dimension & Weight | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | KW | KVA | KW | KVA | Cummins | Stamford | Meccalte | Wattek | DEEPSEA | L*W*H (mm) (open) | KG (open) | L*W*H (mm) (silent) | KG (silent) |
| TNCS-33G1 | 24 | 30 | 26.4 | 33 | 4B3.9-G1 | PI144E | ECP28 2L4A | WHI184F | DSE6020 | 1750*800*1350 | 750 | 2280*950*1510 | 1100 |
| TNCS-33G2 | 24 | 30 | 26.4 | 33 | 4B3.9-G2 | PI144E | ECP28 2L4A | WHI184F | DSE6020 | 1750*800*1350 | 750 | 2280*950*1510 | 1100 |
| TNCS-50G1 | 36 | 45 | 40 | 50 | 4BT3.9-G1 | PI144J | ECP32 3S4B | WHI184H | DSE6020 | 1750*800*1350 | 800 | 2280*950*1510 | 1150 |
| TNCS-50G2 | 36 | 45 | 40 | 50 | 4BT3.9-G2 | PI144J | ECP32 3S4B | WHI184H | DSE6020 | 1750*800*1350 | 800 | 2280*950*1510 | 1150 |
| TNCS-60 | 43 | 54 | 48 | 60 | 4BTA3.9-G2 | UCI224D | ECP32 1M4B | WHI224D | DSE6020 | 1850*800*1350 | 800 | 2280*950*1510 | 1150 |
| TNCS-75 | 54 | 68 | 60 | 75 | 4BTA3.9-G2 | UCI224E | ECP32 2M4B | WHI224E | DSE6020 | 1850*800*1350 | 800 | 2280*950*1510 | 1150 |
| TNCS-96 | 67 | 84 | 77 | 96 | 4BTA3.9-G11 | UCI224F | ECP32 3L4B | WHI224F | DSE6020 | 1850*800*1350 | 800 | 2280*950*1510 | 1150 |
| TNCS-110 | 80 | 99 | 88 | 110 | 6BT5.9-G2 | UCI224G | ECP34 1S4A | WHI274C | DSE6020 | 2200*880*1530 | 1050 | 3000*1050*1740 | 1800 |
| TNCS-138 | 100 | 125 | 110 | 138 | 6BTA5.9-G2 | UCI274C | ECP34 2S4A | WHI274D | DSE6020 | 2200*880*1530 | 1050 | 3000*1050*1740 | 1800 |
| TNCS-156 | 112 | 140 | 125 | 156 | 6BTAA5.9-G2 | UCI274D | ECP34 1L4A | WHI274ES | DSE6020 | 2350*880*1530 | 1100 | 3000*1050*1740 | 1850 |
| TNCS-180 | 130 | 162 | 144 | 180 | 6BTAA5.9-G12 | UCI274E | ECP34 1L4A | WHI274E | DSE6020 | 2350*880*1530 | 1150 | 3000*1050*1740 | 1900 |
| TNCS-209 | 150 | 188 | 167 | 209 | 6CTA8.3-G2 | UCI274F | ECO34 3L4A | WHI274F | DSE6020 | 2400*1000*1710 | 1380 | 3200*1200*1950 | 2800 |
| TNCS-230 | 166 | 207 | 184 | 230 | 6CTAA8.3-G2 | UCI274G | ECO38 1S4A | WHI274G | DSE6020 | 2400*1000*1710 | 1380 | 3200*1200*1950 | 2800 |
| TNCS-285 | 205 | 257 | 228 | 285 | 6LTAA8.9-G2 | UCD274J | ECO38 3S4A | WHI274J | DSE6020 | 2500*1000*1710 | 1480 | 3200*1200*1950 | 2900 |
| TNCS-314 | 226 | 283 | 251 | 314 | 6LTAA8.9-G3 | UCD274J | ECO38 1L4A | WHI274K | DSE6020 | 2500*1000*1710 | 1480 | 3200*1200*1950 | 2900 |
| TNCS-350 | 252 | 315 | 280 | 350 | NTA855-G1 | UCD274K | ECO38 2L4A | WHI4D | DSE6020 | 2500*1000*1710 | 1480 | 3200*1200*1950 | 2900 |
| TNCS-400 | 288 | 360 | 320 | 400 | NTA855-G1B | HCI444D | ECO38 2L4A | WHI4E | DSE6020 | 3050*1150*2000 | 3000 | 4200*1500*2250 | 4500 |
| TNCS-438 | 315 | 394 | 350 | 438 | NTA855-G3 | HCI444ES | ECO38 3L4A | WHI4FS | DSE6020 | 3050*1150*2000 | 3200 | 4200*1500*2250 | 4500 |
| TNCS-500 | 360 | 450 | 400 | 500 | KTA19-G2 | HCI444FS | ECO40 1S4A | WHI4F | DSE6020 | 3050*1150*2000 | 3200 | 4200*1500*2250 | 4500 |
| TNCS-575 | 414 | 518 | 460 | 575 | KTA19-G3 | HCI544C | ECO40 2S4A | WHI5C | DSE6020 | 3050*1150*2000 | 3200 | 4200*1500*2250 | 4500 |
| TNCS-625 | 450 | 563 | 500 | 625 | KTA19-G3A | HCI544C | ECO40 3S4A | WHI5D | DSE6020 | 3300*1150*2000 | 3400 | 4200*1500*2250 | 4700 |
| TNCS-687 | 470 | 587 | 550 | 687 | KTAA19-G5 | HCI544C | ECO40 3S4A | WHI5D | DSE6020 | 3300*1150*2000 | 3400 | 4200*1500*2250 | 4700 |
| TNCS-750 | N/A | N/A | 600 | 750 | KTAA19-G6A | HCI544E | ECO40 1.5L4A | WHI5E | DSE6020 | 3200*1400*2200 | 3500 | 5800*2000*2250 | 4800 |
| TNCS-850 | 620 | 775 | 680 | 850 | KTA38-G | HCI544F-S | ECO40 2L4A | WHI5FS | DSE6020 | 3200*1400*2200 | 3500 | 5800*2000*2250 | 4800 |
| TNCS-1000 | 728 | 910 | 800 | 1000 | KTA38-G2 | HCI634G | ECO40 VL4A | WHI6C | DSE6020 | 3430*1520*2200 | 3600 | 5800*2000*2250 | 5100 |
| TNCS-1125 | 800 | 1000 | 880 | 1100 | KTA38-G2A | HCI634H | ECO43 2S4A | WHI6D | DSE6020 | 3430*1520*2200 | 3600 | 5800*2000*2250 | 5100 |
| TNCS-1250 | 900 | 1125 | 1000 | 1250 | KTA38-G4 | LV634E | ECO43 2S4A | WHI6E | DSE6020 | 4500*1800*2200 | 7500 | 5800*2000*2250 | 10000 |
| TNCS-1375 | N/A | N/A | 1100 | 1375 | KTA38-G9 | HCI634J | ECO43 1M4A | WHI6F | DSE6020 | 4500*1800*2200 | 7500 | 20" container | 10000 |
| TNCS-1525 | 1100 | 1375 | 1260 | 1575 | KTA50-G3 | HCI634K | ECO43 2M4A | WHI6G | DSE6020 | 4500*1800*2200 | 7500 | 40" container | 10000 |
| TNCS-1875 | 1260 | 1575 | 1500 | 1875 | KTA50-G9 | PI734B | ECO43 VL4A | WHI7B | DSE6020 | 4500*1800*2200 | 7500 | 40" container | 10000 |

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All ratings date is based on operation under ISO8528, ISO3046 conditions using typical fan sized and drive ratios.
Priming Power=Power at available load in line of main power network. An overload 10% permitted for one hour in every twelve hours of operations.
Standby Power=Power available at a variable load in the event of a main power network failure up to to a maximum of 500 hours per year. No over load is permitted.
Available in the following voltage:127V/220V,132V/230V,220V/380V,254V/440V,266V/460V,277V/488V