

Datasheet

HCM96 Cummins Diesel Power Generator (6BT5.9-G2)

**70kW-87.5kVA
77kW-96kVA
50Hz**



Equipment

Engine and alternator mounted on same frame steel skid.
Build in damper for anti-vibration.
Compact design, easy to operate and maintain.
Cummins brand engine.
Top brand AC alternator.
Full range protections, alarms with auto shutdown features.
Comply with ISO8628 national standard and ISO9001 quality standard. Specially designed horizontal/vertical, engine driven/electrical radiator. Industrial, Residential silencers.
Catalytic converters.
Heat exchangers.
Special spark arrestor silencers.
Standard set for "CE" certification.
Sound & Weatherproof canopy optional.
Spring, seismic anti-vibration mounts.
Advanced facility for FAT.

| Genset Model | Prime Power (kW/kVA) | Standby Power (kW/kVA) | Fuel Consumption (l/h) | Diesel Engine Model | Bore × Stroke (mm) | Qua. Of Cylinder | Dimension L × W × H (mm) | Weight (kg) | Noise Level (dBA) |
|--------------|----------------------|------------------------|------------------------|---------------------|--------------------|------------------|--------------------------|-------------|-------------------|
| HCM23 | 16/20 | 18/22.5 | 5.2 | 4B3.9-G | 102×120 | 4L | 1600×830×1300 | 950 | 95 |
| HCM28 | 20/25 | 22/27.5 | 6 | 4B3.9-G | 102×120 | 4L | 1600×830×1300 | 950 | 95 |
| HCM33 | 24/32 | 26/32.5 | 7.2 | 4BT3.9-G | 102×120 | 4L | 1800×830×1300 | 1000 | 95 |
| HCM41 | 30/37.5 | 33/41 | 9.6 | 4BT3.9-G | 102×120 | 4L | 1800×830×1300 | 1000 | 95 |
| HCM56 | 40/50 | 45/56 | 12 | 4BTA3.9-G2 | 102×120 | 4L | 1850×850×1300 | 1100 | 95 |
| HCM63 | 45/56 | 50/62.5 | 13.2 | 4BTA3.9-G2 | 102×120 | 4L | 1850×850×1430 | 1200 | 95 |
| HCM80 | 58/72.5 | 64/80 | 17 | 6BT5.9-G2 | 102×120 | 6L | 2150×850×1430 | 1250 | 95 |
| HCM96 | 70/87.5 | 77/96 | 19 | 6BT5.9-G2 | 102×120 | 6L | 2280×850×1430 | 1300 | 95 |
| HCM110 | 80/100 | 88/110 | 23 | 6BT5.9-G2 | 102×120 | 6L | 2280×850×1430 | 1400 | 95 |
| HCM125 | 90/112.5 | 100/125 | 26 | 6BTA5.9-G2 | 102×120 | 6L | 2400×830×1430 | 1550 | 95 |
| HCM143 | 104/130 | 114/142.5 | 30 | 6BTAA5.9-G2 | 102×120 | 6L | 2400×830×1430 | 1700 | 95 |
| HCM165 | 120/150 | 132/165 | 36 | 6CTA8.3-G2 | 114×135 | 6L | 2650×950×1450 | 2100 | 95 |
| HCM193 | 140/175 | 154/192.5 | 40 | 6CTA8.3-G2 | 114×135 | 6L | 2650×950×1450 | 2150 | 95 |
| HCM206 | 150/187.5 | 165/206 | 42 | 6CTA8.3-G2 | 114×135 | 6L | 2650×950×1450 | 2200 | 95 |
| HCM220 | 160/200 | 176/220 | 44 | 6CTAA8.3-G2 | 114×135 | 6L | 2800×950×1500 | 2300 | 102 |
| HCM250 | 180/225 | 200/250 | 47 | 6LTAA8.9-G2 | 114×144 | 6L | 2800×980×1530 | 2500 | 102 |
| HCM275 | 200/250 | 220/275 | 50 | 6LTAA8.9-G2 | 114×144 | 6L | 2800×980×1530 | 2500 | 102 |
| HCM296 | 217/271 | 237/296 | 57 | MTA11-G2A | 125×147 | 6L | 2900×980×1530 | 2800 | 102 |
| HCM340 | 245/306 | 272/340 | 60 | NTA855-G1A | 140×152 | 6L | 2950×980×1530 | 3100 | 102 |
| HCM343 | 250/312.5 | 275/343 | 62 | MTA11-G3 | 125×147 | 6L | 2900×980×1530 | 2900 | 102 |
| HCM350 | 256/320 | 280/350 | 64 | NTA855-G1B | 140×152 | 6L | 2950×980×1530 | 3200 | 102 |
| HCM388 | 280/350 | 310/387.5 | 76 | NTA855-G2A | 140×152 | 6L | 3150×980×1530 | 3400 | 102 |
| HCM413 | 300/375 | 330/412.5 | 83 | NTAA855-G7A | 140×152 | 6L | 3220×1380×1550 | 3600 | 102 |
| HCM450 | 320/400 | 360/450 | 86 | NTAA855-G7A | 140×152 | 6L | 3300×1380×1550 | 3700 | 102 |

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|--------------|----------------------|------------------------|------------------------|---------------------|--------------------|------------------|--------------------------|-------------|-------------------|
| HCM500 | 360/450 | 400/500 | 97 | KTA19-G3 | 159×159 | 6L | 3550×1250×1800 | 4350 | 102 |
| HCM550 | 400/500 | 440/550 | 107 | KTA19-G3A | 159×159 | 6L | 3750×1250×1800 | 4800 | 102 |
| HCM650 | 480/600 | 520/650 | 125 | KTA19-G8 | 159×159 | 6L | 3750×1500×1900 | 5000 | 105 |
| HCM688 | 500/625 | 550/687.5 | 130 | KTAA19-G6A | 159×159 | 6L | 3750×1500×1900 | 5400 | 105 |
| HCM713 | 520/650 | 570/712.5 | 143 | QSKTAA19-G3 | 159×159 | 6L | 3900×1500×1900 | 5500 | 105 |
| HCM825 | 600/750 | 660/825 | 167 | KTA38-G2 | 159×159 | 12V | 4650×1630×2270 | 7000 | 105 |
| HCM880 | 640/800 | 704/880 | 170 | KTA38-G2B | 159×159 | 12V | 4650×1630×2270 | 7460 | 105 |
| HCM1000 | 728/910 | 800/1000 | 194 | KTA38-G2A | 159×159 | 12V | 4650×1630×2270 | 7650 | 105 |
| HCM1100 | 800/1000 | 880/1100 | 209 | KTA38-G5 | 159×159 | 12V | 4850×1830×2330 | 8650 | 105 |
| HCM1250 | 900/1125 | 1000/1250 | 225 | KTA38-G9 | 159×159 | 12V | 4850×1830×2330 | 9300 | 105 |
| HCM1400 | 1020/1275 | 1120/1400 | 254 | KTA50-G3 | 159×159 | 16V | 5200×1930×2400 | 10500 | 105 |
| HCM1650 | 1142/1428 | 1320/1650 | 272 | KTA50-G8 | 159×159 | 16V | 5280×2000×2400 | 11000 | 105 |
| HCM1675 | 1200/1500 | 1340/165 | 280 | KTA50-GS8 | 159×159 | 16V | 5280×2000×2400 | 11500 | 105 |
| HCM2250 | 1600/2000 | 1800/2250 | 394 | QSK60-G4 | 159×190 | 16V | 6090×2282×2612 | 16644 | 105 |

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