

## Datasheet

### **HCM825 Cummins Diesel Power Generator (KT38-G)**

**600kW-750kVA  
660kW-825kVA  
60Hz**



#### 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) |
|--------------|----------------------|------------------------|------------------------|---------------------|--------------------|------------------|--------------------------|-------------|-------------------|
| HCM28        | 20/25                | 22/27.5                | 6                      | 4B3.9-G             | 102×120            | 4L               | 1600×830×1300            | 950         | 95                |
| HCM33        | 24/30                | 26/32.5                | 7.2                    | 4B3.9-G             | 102×120            | 4L               | 1600×830×1300            | 950         | 95                |
| HCM45        | 32/40                | 36/45                  | 9.6                    | 4BT3.9-G            | 102×120            | 4L               | 1800×830×1300            | 1000        | 95                |
| HCM50        | 36/45                | 40/50                  | 12                     | 4BT3.9-G            | 102×120            | 4L               | 1800×830×1300            | 1000        | 95                |
| HCM69        | 50/62.5              | 55/69                  | 14                     | 4BTA3.9-G2          | 102×120            | 4L               | 1850×830×1430            | 1250        | 95                |
| HCM75        | 56/70                | 60/75                  | 16                     | 4BTA3.9-G2          | 102×120            | 4L               | 1950×830×1430            | 1300        | 95                |
| HCM96        | 70/87.5              | 77/96                  | 19                     | 6BT5.9-G2           | 102×120            | 6L               | 2150×830×1430            | 1350        | 95                |
| HCM110       | 80/100               | 88/110                 | 23                     | 6BT5.9-G2           | 102×120            | 6L               | 2150×830×1430            | 1350        | 95                |
| HCM125       | 90/112.5             | 100/125                | 26                     | 6BT5.9-G2           | 102×120            | 6L               | 2150×830×1430            | 1400        | 95                |
| HCM138       | 100/125              | 110/137.5              | 30                     | 6BTA5.9-G2          | 102×120            | 6L               | 2350×950×1530            | 1750        | 95                |
| HCM165       | 120/150              | 132/165                | 36                     | 6BTAA5.9-G2         | 102×120            | 6L               | 2350×950×1530            | 1800        | 95                |
| HCM193       | 140/175              | 154/192.5              | 40                     | 6CTA8.3-G2          | 114×135            | 6L               | 2650×950×1600            | 1900        | 95                |
| HCM220       | 160/200              | 176/220                | 44                     | 6CTA8.3-G2          | 114×135            | 6L               | 2650×950×1600            | 2000        | 95                |
| HCM250       | 180/225              | 200/250                | 48                     | 6CTAA8.3-G2         | 114×135            | 6L               | 2650×950×1600            | 2200        | 95                |
| HCM275       | 200/250              | 220/275                | 54                     | 6LTAA8.9-G2         | 114×144            | 6L               | 2800×980×1530            | 2500        | 102               |
| HCM300       | 220/275              | 240/300                | 60                     | 6LTAA8.9-G2         | 114×144            | 6L               | 2800×980×1530            | 2500        | 102               |
| HCM344       | 250/312.5            | 275/344                | 70                     | NTA855-G1           | 140×152            | 6L               | 2850×1000×1600           | 2900        | 103               |
| HCM388       | 280/350              | 310/387.5              | 76                     | NTA855-G1B          | 140×152            | 6L               | 3000×1000×1600           | 3100        | 103               |
| HCM413       | 300/375              | 330/412.5              | 83                     | NTA855-G3           | 140×152            | 6L               | 3000×1120×1600           | 3250        | 103               |
| HCM450       | 320/400              | 360/450                | 90                     | NTA855-G3           | 140×152            | 6L               | 3000×1120×1600           | 3250        | 103               |

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|--------------|----------------------|------------------------|------------------------|---------------------|--------------------|------------------|--------------------------|-------------|-------------------|
| HCM500       | 360/450              | 400/500                | 97                     | KTA19-G2            | 159×159            | 6L               | 3400×1200×1900           | 4000        | 102               |
| HCM550       | 400/500              | 440/550                | 107                    | KTA19-G3            | 159×159            | 6L               | 3400×1220×1900           | 4300        | 102               |
| HCM625       | 460/575              | 500/625                | 118                    | KTA19-G4            | 159×159            | 6L               | 3400×1220×1900           | 4800        | 103               |
| HCM700       | 500/625              | 550/687.5              | 135                    | KTAA19-G5           | 159×159            | 6L               | 3800×1500×2000           | 5000        | 103               |
| HCM750       | 560/700              | 600/750                | 150                    | KTAA19-G6A          | 159×159            | 6L               | 4000×1500×2000           | 5400        | 103               |
| HCM825       | 600/750              | 660/825                | 167                    | KT38-G              | 159×159            | 12V              | 4600×1650×2400           | 7400        | 105               |
| HCM938       | 680/850              | 750/937.5              | 185                    | KTA38-G2            | 159×159            | 12V              | 4600×1650×2400           | 7650        | 105               |
| HCM1000      | 728/910              | 800/1000               | 194                    | KTA38-G2            | 159×159            | 12V              | 4600×1650×2400           | 7950        | 105               |
| HCM1125      | 800/1000             | 900/1125               | 209                    | KTA38-G2A           | 159×159            | 12V              | 4600×1650×2400           | 8150        | 105               |
| HCM1150      | 840/1050             | 920/1150               | 219                    | KTA38-G4            | 159×159            | 12V              | 4800×1800×2400           | 8950        | 105               |
| HCM1250      | 928/1160             | 1020/1275              | 245                    | KTA38-G4            | 159×159            | 12V              | 4800×1800×2400           | 9250        | 105               |
| HCM1600      | 1120/1400            | 1280/1600              | 282                    | KTA50-G3            | 159×159            | 16V              | 5200×1930×2400           | 10500       | 105               |
| HCM1875      | 1280/1600            | 1500/1875              | 330                    | KTA50-G9            | 159×159            | 16V              | 5280×2000×2400           | 11500       | 105               |

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